

DENIOS

ENVIRONMENTAL PROTECTION
& WORK SAFETY

2020

DENIOS
30 Years of Safety

1990
2020

More than
5,000 products
Online and
in the catalog
available

Orders and technical assistance
800-216-7776

www.denios-us.com

We take your protection into our own hands



We offer a full-service package

As a manufacturer and supplier of groundbreaking environmental technology, nature and environmental protection are not just words, but values we live by at DENIOS. For over 30 years we have been developing products that nature and people can rely on - for the safe handling of hazardous materials and for safety in the workplace. We want to protect nature, so that it will be preserved for tomorrow. This is our mission. This is our passion. You can count on it.


Helmut Dennig
- Founder & CEO

► Catalog

More than 5,000 products available | Information pages on current legislation | Expert Tips and Guides | Expert hotline | Telephone order acceptance

► Online

More than 12,000 products available | Expert Tips and Guides | Transparent order process

► On-site Consultation

Our experts will also be happy to meet you personally on site for consultations and needs analyses. We will identify your individual requirements, and profile together the appropriate products to meet your unique needs.

DENIOS US

**USA Corporate Office &
Manufacturing**

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www.denios-us.com



Manufactured in the USA.

DENIOS, your partner in safety and environmental protection

For over 25 years DENIOS has been the worldwide leader in the design and manufacture of custom engineered chemical storage structures. Working directly with our customers we help assess risks and provide solutions for the safe storage and containment of hazardous chemicals and processes.

DENIOS Delivers

- ✓ **Quality, Performance, and Compliance-products designed, manufactured and shipped direct from our plant**
- ✓ **Expertise and Responsiveness- a team of Technical Sales and Engineering Staffs available for expert consultation**
- ✓ **Customized Solutions- standard and custom engineered solutions for any application**
- ✓ **A Complete Program of Chemical Storage and Containment Solutions**

Customer Terms & Conditions

Please visit our homepage www.denios-us.com for the current version.

The DENIOS Vision

DENIOS is the worldwide leader in hazardous materials storage, industrial environmental protection, and workplace health and safety. Our highly motivated and skilled team is constantly searching for new ideas and creative innovations, making a positive impact in shaping the future. We provide customer benefits through exceptional product quality, prompt delivery, and outstanding customer support and communication.

DENIOS pledges to be a confidence inspiring project partner and reliable problem solver for all environmental protection and workplace safety applications.

DENIOS ENGINEERING provides you

A complete understanding of hazardous chemicals and chemical processes. Our Technical Sales and Engineering Staff know specific chemicals and the risks they pose to facilities, personnel, and the environment. They will work with you every step of the way in designing a safe storage solution for your individual applications.

Expertise in helping you meet applicable laws and regulations. DENIOS not only knows the regulations, we work directly with leading insurers, risk managers, and government authorities in developing new equipment or setting performance standards for existing designs and construction. We will work with you in meeting Federal standards as well as those of your local authorities, helping make sure your DENIOS products are in complete compliance.

When we put a DENIOS label on your product it's to let you know we stand behind what we design and manufacture, and that we're here for you well after the sale is completed.

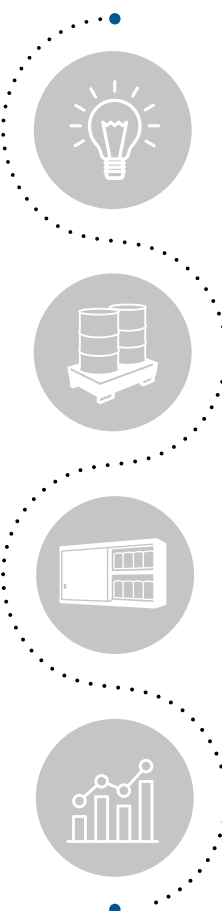


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NEW



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Heater Type A**
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**Enclosed HazMat Station
for 4 Drums**
See page **124**



Mobile Pump Trolley
See page **184**



PolySafe Depot
See page **126**



55 Gallon Drum Cabinet
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NEW Products from DENIOS:

NEW



Poly Spill Tray
See page 72



Double IBC Dispensing Station
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**FALCON Lubriflex
Dispensing Bottles**
See page 206



**STOPOUT®
Lockout Kits**
See page 252



Portable Absorbent Spill Caddy
See page 162

PolyStore
See page 139



Keeping workers safe all year round.

1



Spill containment pallets safeguard against unintentional spills as well as leaks.

DENIOS provides secondary containment options that adhere to OSHA in addition to EPA standards. Guard your area and staff against the conceivable hazards brought on when main liquid storage containers seep or become ruptured.

Secondary Spill Containment

10 IBC Tote Spill Containment Pallets

26 Drum Spill Containment Sumps

40 Transport & Stacking Pallets

44 Spill Carts

48 Drum Dispensing Stations

52 Drum Racks

63 Spill Decking

68 Shelving

72 Spill Trays

76 Containment Pools





DENIOS provides more models and more variety of IBC Totes Sumps than any other manufacturer

- Painted, Galvanized, Stainless Steel, and Poly models available
- Provide storage for one, two, and three IBC Totes
- Sumps provide compliant spill containment for numerous tote sizes
- Specially designed dispensing models provide for safe, spill contained dispensing from totes

Removable galvanized, stainless steel or fiberglass gratings

Load capacity up to 15,000 lbs



Feet for easy forklift access

Compliant spill containment sump

IBC Tote Containment Pallet, painted, Order no. K17-3123-U0

Dispensing stands sit over sump and is set back so dispensing nozzle is also spill contained



Storage Capacity	2 IBC or 8 Drums (55 gal.)	2 IBC on platform or 8 Drums (55 gal.)
Pallet Material	Painted Steel	Painted Steel
External Dimensions W x D x H [in]	120 x 53 x 20	120 x 73 x 36
Sump Capacity [gal]	385	385
Total Load Capacity [lbs]	10,000	10,000
Shipping Weight [lbs]	700	1,230
Order number* - Painted	K17-3123-U0	K17-8014-U0
Price / Item(s)	\$ 1,650.00	\$ 3,597.00

*All models are available with drains.

This configuration allows spill compliant storage for drums or smaller containers being dispensed into thus adding efficiency and convenience.

Containment Pallets for 1 IBC Tote

Safely store hazardous chemicals in Intermediate Bulk Containers (IBC Totes) over a compliant spill sump. Our multiple tote designs offer you the flexibility to choose the right sump for your application.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable gratings

from \$ 1,495.00



For compact use of floor space - use our 33" high pallets and the lower profile design of our 28" high pallets provides easy access to both the IBC and the sump.



IBC Tote Containment Pallet, galvanized
Order no. K17-2116-U0



IBC Tote Containment Pallet, painted,
Order no. K17-3122-U0

Optional Accessory

Galvanized Dispensing Platform

- Fits securely on grating support beams, providing a secure, stable platform to place containers
- Fits models K17-3120, K17-1120, K17-2114, & K17-2116



Galvanized Dispensing Platform,
Order no. K17-1936-U0, \$ 90.00

Pallet Material	Steel	
External Dimensions W x D x H [in]	53 x 72 x 28	60 x 53 x 33
Sump Capacity [gal]	385	
Grating	Galvanized	
Total Load Capacity [lbs]	5,000	
Shipping Weight [lbs]	550	585
Order number* - Painted	K17-3120-U0	K17-3122-U0
Price / Item(s)	\$ 1,495.00	\$ 1,795.00
Order number* - Galvanized	K17-1120-U0	K17-1122-U0
Price / Each	\$ 1,610.00	\$ 1,920.00
Accessories	Dispensing Platform	-
Order number	K17-1936-U0	-
Price / Item(s)	\$ 90.00	-

*All models are available with drains.

Pallet Material	Stainless Steel			
External Dimensions W x D x H [in]	53 x 72 x 28		60 x 53 x 33	
Sump Capacity [gal]	385	385	385	385
Grating	Fiberglass	Stainless Steel	Fiberglass	Stainless Steel
Total Load Capacity [lbs]	5,000	5,000	5,000	5,000
Shipping Weight [lbs]	550	550	585	585
Order number* - Stainless Steel	K17-2114-U0	K17-2116-U0	K17-2110-U0	K17-2112-U0
Price / Item(s)	\$ 5,155.00	\$ 5,975.00	\$ 5,265.00	\$ 6,095.00
Accessories	Dispensing Platform	Dispensing Platform	-	-
Order number	K17-1936-U0	K17-1936-U0	-	-
Price / Item(s)	\$ 90.00	\$ 90.00	-	-

*All models are available with drains.



Containment Pallets for up to 3 IBC Totes

Safely store hazardous chemicals in Intermediate Bulk Containers (IBC Totes) over a compliant spill sump. Our multiple one and two tote designs offer you the flexibility to choose the right sump for your application.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free

- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable gratings
- Containment Sumps are available in painted, galvanized, or stainless steel
- Gratings are made of galvanized steel, stainless steel or fiberglass

from \$ 1,650.00



IBC Tote Containment Pallet, painted
Order no. K17-3123-U0



IBC Tote Containment Pallet, Stainless Steel,
Order no. K17-2122-U0



IBC Tote Containment Pallet, for 3 IBC Totes, painted,
Order no. K17-3181-U0

Storage Capacity	2 IBC or 8 Drums (55 gal.)				3 IBC or 12 Drums (55 gal.)			
Pallet Material	Painted Steel	Galvanized Steel	Stainless Steel	Stainless Steel	Painted Steel	Galvanized Steel	Stainless Steel	Stainless Steel
Grating	Galvanized	Galvanized	Fiberglass	Stainless Steel	Galvanized	Galvanized	Fiberglass	Stainless Steel
External Dimensions W x D x H [in]	120 x 53 x 20	120 x 53 x 20	120 x 53 x 20	120 x 53 x 20	180 x 53 x 20	180 x 53 x 20	180 x 53 x 20	180 x 53 x 20
Sump Capacity [gal]	385	385	385	385	575	575	575	575
Total Load Capacity [lbs]	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000
Shipping Weight [lbs]	700	700	700	700	1,100	1,100	1,100	1,100
Order number*	K17-3123-U0	K17-1123-U0	K17-2120-U0	K17-2122-U0	K17-3181-U0	K17-1181-U0	K17-2124-U0	K17-2123-U0
Price / Item(s)	\$ 1,650.00	\$ 1,765.00	\$ 6,097.00	\$ 6,785.00	\$ 3,595.00	\$ 3,725.00	\$ 7,585.00	\$ 8,255.00

*All models are available with drains.

Dispensing Platforms for 1 IBC Tote

Safely dispense of hazardous chemicals in Intermediate Bulk Containers (IBC Totes) over a compliant spill platform. Several variations and designs offer you the flexibility to choose the right version for your application.

- Use any configuration of the dispensing platform, stand, and splash guard to meet your dispensing needs
- Dispensing stand elevates IBC Totes and slopes them forward 3 degrees for efficient dispensing
- Splashguard protects workers and surrounding areas from dangerous chemicals
- Dispensing Platforms are available in painted, galvanized, or stainless steel

from \$ 2,075.00



IBC Tote Dispensing Platform,
Order no. K17-3156-U0



IBC Tote Containment Platform with Stand,
galvanized, Order no. K17-8018-U0



IBC Tote Containment Platform
with Stand and Splash Guard,
Order no. K17-8002-U0

Version	Single IBC - Platform	Single IBC - Platform + Stand	Single IBC - Platform + Stand + Splash Guard
External Dimensions W x D x H [in]	59 x 73 x 30	59 x 73 x 51	59 x 73 x 76
Sump Capacity [gal]	385	385	385
Total Load Capacity [lbs]	5,000	5,000	5,000
Shipping Weight [lbs]	600	720	870
Order number* - Painted	K17-3156-U0	K17-8003-U0	K17-8002-U0
Price / Item(s)	\$ 2,075.00	\$ 2,595.00	\$ 2,995.00
Order number* - Galvanized	K17-1156-U0	K17-8018-U0	K17-8019-U0
Price / Item(s)	\$ 2,197.00	\$ 2,697.00	\$ 3,125.00

*All models are available with drains.

HazMat Rack & Sump Combinations



See page
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Dispensing Platforms for 2 IBC Totes

Safely dispense of hazardous chemicals in Intermediate Bulk Containers (IBC Totes) over a compliant spill platform. Several variations and designs offer you the flexibility to choose the right version for your application.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable gratings
- Use any configuration of the dispensing platform, stand, and splash guard to meet your dispensing needs
- Dispensing stand elevates IBC Totes and slopes them forward 3 degrees for efficient dispensing
- Splashguard protects workers and surrounding areas from dangerous chemicals
- Dispensing Platforms are available in painted, galvanized, or stainless steel



IBC Totes, Drums, or Small Containers can be stored on spill dispensing platform
Order no. K17-8014-U0

from \$ 3,365.00



Painted Double IBC Tote Dispensing Platform with stand,
Order no. K17-8014-U0

	External Dimensions W x D x H [in]	Sump Capacity [gal]	Total Load Capacity [lbs]	Pallet Material	Shipping Weight [lbs]	Order number*	Price / Item(s)
Double IBC - Platform	120 x 73 x 15	385	10,000	Painted Steel	1,090	K17-3171-U0	\$ 3,365.00
	120 x 73 x 15	385	10,000	Galvanized Steel	1,090	K17-1171-U0	\$ 3,745.00
Double IBC - Platform + Single Stand	120 x 73 x 36	385	10,000	Painted Steel	1,230	K17-8014-U0	\$ 3,597.00
	120 x 73 x 36	385	10,000	Galvanized Steel	1,230	K17-8020-U0	\$ 4,037.00
Double IBC - Platform + 2 Stands	120 x 73 x 36	385	10,000	Painted Steel	1,350	K17-8015-U0	\$ 4,397.00
	120 x 73 x 36	385	10,000	Galvanized Steel	1,350	K17-8021-U0	\$ 4,497.00
Double IBC - Platform + 2 Stands + Splash Guard	120 x 73 x 61	385	10,000	Painted Steel	1,550	K17-8005-U0	\$ 5,150.00
	120 x 73 x 61	385	10,000	Galvanized Steel	1,550	K17-8022-U0	\$ 5,287.00

*All models are available with drains.



Galvanized Double IBC Tote Dispensing Platform
with stands, and splash guard
Order no. K17-8022-U0



Painted Double IBC Tote Dispensing Platform
with stands, and splash guard
Order no. K17-8005-U0



Painted Double IBC Tote Dispensing Platform with stands
Order no. K17-8015-U0



Dispensing Platforms for 3 IBC Totes

Stay safe and compliant with a name you trust. DENIOS has everything you need for your chemical storage, dispensing, and handling needs. Our dispensing platforms for 3 IBC Totes have the same great features as all our other dispensing platforms with the additional space for one more IBC or take advantage of the space to store smaller containers.

Need splash protection? Order your dispensing station with a splashguard.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable gratings

from \$ 3,997.00



IBC Tote Dispensing Platform, painted, for 3 IBC,
Order no. K17-3180-U0



IBC Tote Dispensing Platform, painted, for 3 IBC,
with 2 Stands, Order no. K17-8031-U0

Version	Triple IBC - Platform	Triple IBC - Platform + Single Stand	Triple IBC - Platform + 2 Stands	Triple IBC - Platform + 3 Stands	Triple IBC - Platform + 3 Stands + Splash Guard
External Dimensions W x D x H [in]	180 x 73 x 15	180 x 73 x 36	180 x 73 x 36	180 x 73 x 36	180 x 73 x 61
Sump Capacity [gal]	385	385	385	385	385
Total Load Capacity [lbs]	15,000	15,000	15,000	15,000	15,000
Shipping Weight [lbs]	1,420	1,600	1,680	1,755	2,015
Order number* - Painted	K17-3180-U0	K17-8030-U0	K17-8031-U0	K17-8032-U0	K17-8033-U0
Price / Item(s)	\$ 3,997.00	\$ 4,297.00	\$ 4,875.00	\$ 5,587.00	\$ 6,397.00
Order number* - Galvanized	K17-1180-U0	K17-8034-U0	K17-8035-U0	K17-8036-U0	K17-8037-U0
Price / Item(s)	\$ 4,125.00	\$ 4,557.00	\$ 5,097.00	\$ 5,797.00	\$ 7,357.00

*All models are available with drains.

- Use any configuration of the dispensing platform, stand, and splash guard to meet your dispensing needs
- Dispensing stand elevates IBC Totes and slopes them forward 3 degrees for efficient dispensing
- Splashguard protects workers and surrounding areas from dangerous chemicals
- Dispensing Platforms are available in painted, galvanized, or stainless steel



IBC Tote Dispensing Platform, painted, for 3 IBC, with 1 Stand, Order no. K17-8030-U0



IBC Tote Dispensing Platform for 3 IBC, with 3 Stands and Splash Guard, Order no. K17-8037-U0



IBC Tote Platform with Dispensing Rack

Safely dispense of hazardous chemicals in Intermediate Bulk Containers (IBC Totes) over a compliant spill platform. Several variations and designs offer you the flexibility to choose the right version for your application.

- Compliant Sump volumes meet EPA, OSHA, NFPA
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable Gratings
- Racks are sloped 3 degrees for efficient dispensing
- Galvanized racks are designed for easy tote placement and removal via forklift
- Any drips or spills are captured in sump



IBC Tote Platform, painted, for 1 IBC Tote,
Order no. K17-3153-U0



IBC Tote Platform, galvanized, for 1 IBC Tote,
Order no. K17-1158-U0



IBC Tote Platform, painted, for 2 IBC Totes,
Order no. K17-3175-U0

Description	Single IBC Tote Dispensing Platform	Double IBC Tote Dispensing Platform
Storage Capacity	1 IBC	2 IBC
External Dimensions W x D x H [in]	54 x 73 x 40	109 x 73 x 32
Sump Capacity [gal]	385	385
Total Load Capacity [lbs]	5,000	10,000
Shipping Weight [lbs]	490	680
Order number* - Painted	K17-3153-U0	K17-3175-U0
Price / Item(s)	\$ 1,875.00	\$ 3,195.00
Order number* - Galvanized	K17-1158-U0	K17-1175-U0
Price / Item(s)	\$ 1,945.00	\$ 3,265.00

*All models are available with drains.

Optional Accessory

Dispensing Shelf

- Optional galvanized Dispensing Shelf hangs off the front lip of the sump, providing a secure, stable platform to place containers

Order no. K17-1935-U0, \$ 101.00



IBC Spill Sumps with Dispensing Well

This IBC spill sumps incorporate a Dispensing Well for spill contained tote dispensing.

- Compliant Sump volumes meet EPA, OSHA, NFPA
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable Gratings
- Leak-proof dispensing well drains spills back into sump
- Well has a 1-inch lip to retain small drips and splashes from entering sump, easing cleanup
- Provides an enclosed, convenient platform for dispensing into smaller containers
- Dispensing Well accommodates up to 5-gallon pails



from \$ 1,995.00



IBC Spill Sumps with incorporated Dispensing Well,
Order no. K17-3124-U0

Description	385 Gallon Sump with Dispensing Well	500 Gallon Sump with Dispensing Well
Storage Capacity	1 IBC	1 IBC
External Dimensions W x D x H [in]	79 x 53 x 30	53 x 78 x 50
Shipping Weight [lbs]	550	900
Sump Capacity [gal]	385	500
Total Load Capacity [lbs]	7,500	5,000
Order number* - Painted	K17-3124-U0	K17-3166-U0
Price / Item(s)	\$ 1,995.00	\$ 2,845.00
Order number* - Galvanized	K17-1124-U0	K17-1166-U0
Price / Item(s)	\$ 2,075.00	\$ 2,950.00

*All models are available with drains.

500 Gallon High Volume IBC Tote Sumps

Use these DENIOS Sumps for safe storage of even the largest IBC Totes.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations



500 Gallon IBC Tote Sump for safe storage of 2 IBC, painted,
Order no. K17-3167-U0

Storage Capacity	1 IBC	2 IBC
External Dimensions W x D x H [in]	60 x 53 x 46	120 x 53 x 26
Sump Capacity [gal]	500	500
Total Load Capacity [lbs]	7,500	15,000
Shipping Weight [lbs]	825	900
Order number* - Painted	K17-3165-U0	K17-3167-U0
Price / Item(s)	\$ 2,875.00	\$ 3,395.00
Order number* - Galvanized	K17-1165-U0	K17-1167-U0
Price / Item(s)	\$ 2,935.00	\$ 3,455.00

*All models are available with drains.

- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Easy removable Gratings

from \$ 2,875.00



500 Gallon IBC Tote Sump for safe storage of 1 IBC, galvanized,
Order no. K17-1165-U0

IBC Tote Stands

Raise IBC Totes to a convenient dispensing height.

- This IBC Tote Stand provides easier access for dispensing
- Allows easier access to drain valves
- Provides space for gravity dispensing into smaller containers
- Combine with DENIOS spill containment sump to collect small volume drips and spills for improved housekeeping
- Accommodates most sizes of IBC Totes
- Available in steel or in poly for acids and corrosives
- Steel units are shipped knocked-down and are easily assembled on-site



IBC Tote Stand, Steel, available with heights from 12 - 72 inches, Order no. K17-1957-U0



IBC Tote Stand, Poly, Order no. K22-0925-U0

Material	Carbon Steel						Polyethylene
External Dimensions W x D [in]	52 x 52						
Height [in]	12	24	36	48	60	72	30
Total Load Capacity [lbs]	7,500	7,500	7,500	7,500	7,500	7,500	7,000
Shipping Weight [lbs]	224	271	295	367	470	508	190
Order number	K17-1955-U0	K17-1956-U0	K17-1957-U0	K17-1958-U0	K17-1959-U0	K17-1960-U0	K22-0925-U0
Price / Item(s)	\$ 815.00	\$ 943.00	\$ 1,125.00	\$ 1,275.00	\$ 1,395.00	\$ 1,485.00	\$ 1,369.00

Rugged, All-Purpose Totes

These totes can be stacked four-high in warehouse settings and two-high for transport. UN and FDA approved.

- These economy IBC Totes are perfect for in-plant mixing and blending
- Suitable for most materials
- Totes are HDPE
- Cage is reinforced with warp resistant tubular steel
- Features steel bottom plates allowing for 4-way forklift entry
- Steel bottom plate is suitable for shipping

Capacity [gal]	275	330
Version	Steel Base	Steel Base
External Dimensions W x D x H [in]	48 x 40 x 46	48 x 40 x 54
Shipping Weight	132	148
Order number	M72-7845-U0	M72-7860-U0
Price / Item(s)	\$ 610.00	\$ 716.00



275 gallon IBC with 2" ball valve discharge and steel bottom plate, Order no. M72-7845-U0

Enclosed IBC Tote Sump

These IBC Tote Enclosed Sumps are made of 11 gauge steel walls and doors to protect the tote from any punctures or damage.

- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Available in painted, galvanized and stainless steel construction



Choose from designs which fully enclose or that provide access to the tote's top bung and bottom valve to allow easy, on-site dispensing and processing



from \$ 3,597.00

Enclosed IBC Tote Sump with Access, painted, Order no. K17-3862-U0



Fully Enclosed IBC Tote Sump, painted, Order no. K17-3863-U0



Fully Enclosed IBC Tote Sump, Stainless Steel, Order no. K17-2863-U0



Enclosed IBC Tote Sump with Access, Stainless Steel, Order no. K17-2862-U0

Version	IBC Tote Sump - Enclosed with 3 walls and doors w/ Access	IBC Tote Sump - Fully Enclosed with 3 walls and doors
External Dimensions W x D x H [in]	60 x 56 x 84	60 x 56 x 84
Sump Capacity [gal]	385	385
Total Load Capacity [lbs]	5,000	5,000
Shipping Weight	755	835
Order number* - Painted	K17-3862-U0	K17-3863-U0
Price / Item(s)	\$ 3,597.00	\$ 3,797.00
Order number* - Galvanized	K17-1862-U0	K17-1863-U0
Price / Item(s)	\$ 3,733.00	\$ 3,955.00
Order number* - Stainless Steel	K17-2862-U0	K17-2863-U0
Price / Item(s)	\$ 11,750.00	\$ 12,055.00

*All models are available with drains.

Storage Buildings

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Compact Poly Sump

These Poly Spill Sumps manufactured from environmentally friendly polyethylene (PE) are ideally suited to the storage of various acids and alkalis, as well as oils, non-flammable cleaning chemicals etc. They have integrated pockets (W = 8.2 in) for transporting or loading by pallet truck or forklift truck.

- Provides compliant spill containment for the most popular sizes of IBC / Totes - up to 275 gallon capacity
- Total corrosion protection, manufactured entirely from polyethylene (PE)
- Rugged integrated platform drains directly to spill sump
- Platform is easily removed to allow free access to spill sump

Storage Capacity	1 IBC
External Dimensions W x D x H [in]	50 x 50 x 49
Sump Capacity [gal]	275
Total Load Capacity	3,000
Shipping Weight [lbs]	260
Order number - w/o Drain	K22-0125-U0
Price / Item(s)	\$ 1,562.00
Order number - w/ Drain	K22-0126-U0
Price / Item(s)	\$ 1,655.00

Broad Base Poly IBC Sump, with drain

- Perfect for larger IBC Totes and Poly Tanks
- IBC poly sump accommodates up to 485 gallons
- Sump and stand are 100% polyethylene for high chemical resistance to most caustic and corrosive materials
- Sump includes drain plug for easy emptying
- Forklift pockets allow for relocation
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations

Storage Capacity	1 IBC
External Dimensions W x D x H [in]	66 x 66 x 30
Sump Capacity [gal]	485
Total Load Capacity [lbs]	7,500
Shipping Weight [lbs]	282
Order number	K22-0115-U0
Price / Item(s)	\$ 2,110.00
Accessories	Tarp Cover
Order number	K22-2036-U0
Price / Item(s)	\$ 551.00



Double IBC Poly Sump - Low Top

One of our most popular Tote Sump designs are available in polyethylene (PE). Rugged design and poly construction assures long live even with exposure to many acids and caustics.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- The durable design provides impact and shock resistance even under high temperature conditions
- The PE construction is great for storing acids/corrosives
- Provides compliant spill containment sump
- The IBC Poly Sump is sized to hold two, 275/330 gallon totes

from \$ 2,498.00



Double IBC Poly Sump - Low Top, with galvanized Grating, Order no. K22-0450-U0



Double IBC Poly Sump - Low Top, with Fiberglass Grating, Order no. K22-0452-U0

Drum Handling Equipment

From page
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Drum Pumps

From page
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Tarp Covers



Tarp Cover for IBC Dispensing Stations, Order no. K22-2038-U0, \$ 588.00

- Provide protection from the elements for your totes
- Durable, chemically resistant, and custom fit to the sump to prevent rainwater intrusion
- Extremely chemically resistant fabric has long life, even in full UV exposure
- Bungee straps along the bottom keep the tarp in place

Storage Capacity	2 IBC	2 IBC
Grating	Galvanized	Fiberglass
External Dimensions W x D x H [in]	110 x 55 x 20	110 x 55 x 20
Sump Capacity [gal]	385	385
Total Load Capacity [lbs]	10,000	10,000
Shipping Weight [lbs]	440	377
Order number - w/o Drain	K22-0450-U0	K22-0452-U0
Price / Item(s)	\$ 2,498.00	\$ 3,175.00
Order number - w/ Drain	K22-0451-U0	K22-0453-U0
Price / Item(s)	\$ 2,678.00	\$ 3,397.00



IBC Sump with Dispensing Well
for one or two stacked IBC

Poly IBC Sump with Dispensing Well

- Sized for 350 gallon totes
- Features integrated 5-gallon pail holder for easy and contained dispensing
- Provides fork pockets for easy relocation
- Poly construction great for storing acids and caustics
- Center stand has removable grating and can support 8000lb load capacity
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations

	Single IBC Sump with Dispensing Well
Storage Capacity	1 IBC
External Dimensions W x D x H [in]	81 x 72.5 x 29
Sump Capacity [gal]	385
Total Load Capacity [lbs]	8,000
Shipping Weight [lbs]	270
Order number - w/o Drain	K22-0430-U0
Price / Item(s)	\$ 1,428.00
Order number - w/ Drain	K22-0431-U0
Price / Item(s)	\$ 1,456.00



Spill Platform for 2 IBC

Poly IBC Spill Platform

- Sized for 1 and 2, 350 gallon totes
- Provides fork pockets for easy relocation
- Poly construction great for storing acids and caustics
- Provides compliant spill containment
- Unique 12-piece interlocking grating system provides strong and stable base for the totes

	Double IBC Poly Sump
Storage Capacity	2 IBC
External Dimensions W x D x H [in]	113 x 71 x 32
Sump Capacity [gal]	750
Total Load Capacity [lbs]	8,000
Shipping Weight [lbs]	367
Order number - w/o Drain	K22-0435-U0
Price / Item(s)	\$ 2,287.00
Order number - w/ Drain	K22-0436-U0
Price / Each	\$ 2,310.00

Optional Accessory

Tarp Covers

- Provide protection from the elements for your totes
- Durable, chemically resistant, and custom fit to the sump to prevent rainwater intrusion
- Extremely chemically resistant fabric has long life, even in full UV exposure
- Bungee straps along the bottom keep the tarp in place

Tarp Cover for IBC Sumps with
Dispensing Well,
Order no. K22-0432-U0, \$ 551.00

Tarp Cover for IBC Spill Platform,
Order no. K22-2037-U0, \$ 588.00



Double IBC Dispensing Station

These all-in-one Dispensing Stations provide high Functionality and heavy duty construction for longlife use at any job site. The Ample sump space allows for contained dispensing into smaller vessels.

- Safe storage of hazardous materials like oils, coolants, acid, caustics and other aggressive liquids
- Rugged construction provides impact and shock resistance even under high temperature conditions
- Sumps provide spill containment in compliance with EPA, OSHA and UFC requirements
- Completely sealed, seamlessly processed, 100 % liquid-tight
- Extremely stable supports molded in the bottom of the sump, allows safe storing of IBC Totes up to 330 gallons
- Four-way forkliftable
- Rust-free and easy to clean

\$ 2,137.00

Order no. K22-0455-U0



There's even more choices in the shop!

www.denios-us.com/shop



Double IBC Dispensing Station, holds two IBC Totes without needing gratings or pallets

Version*	Double IBC Dispensing Stations
Storage Capacity	2 IBC
External Dimensions W x D x H [in]	72 x 98 x 17.25
Sump Capacity [gal]	330
Total Load Capacity [lbs]	17,000
Order number	K22-0455-U0
Price / Item(s)	\$ 2,137.00

*All models are available with drains.

- ① Load capacity: 8,500 lbs per storage position
- ② Direct storage of 2 IBC Totes
- ③ Seamless spill pallet in environmentally friendly polyethylene
- ④ Integrated forklift pockets for easy loading and transportation

Optional Accessory

Tarp Covers

- Provide protection from the elements for your totes
- Durable, chemically resistant, and custom fit to the sump to prevent rainwater intrusion
- Extremely chemically resistant fabric has long life, even in full UV exposure
- Bungee straps along the bottom keep the tarp in place



Tarp Cover for IBC Dispensing Stations, Order no. K22-2038-U0, \$ 588.00

Let DENIOS Help You Bring Your Chemical Storage Program Into Compliance!

As the leading manufacturer and designer of chemical containment systems, DENIOS knows how to keep you safe and compliant throughout large and varied program. Whether your needs are for storing one drum, or hundreds, DENIOS has a solution.

Hazardous Material:

A chemical or substance which endangers human health or the environment, whether in a new or waste condition.

Hazardous materials are designated and regulated by the EPA under EPCRA. Hazardous materials, and their reportable qualities, are found in SARA Title III.

Secondary Spill Containment Sumps:

As required by EPA, NFPA, and UFC, the containment sump or "catch basin" underlies containers storing or dispensing hazardous materials in order to prevent spills from escaping into and damaging the environment or endangering personnel within the facility. The construction must be liquid-tight, accessible for visual inspection, and compatible with the materials stored.

EPA - 40 CFR Subpart 1 - 264.175 - Containment

- (a) Container storage areas must have a containment system that is designed and operated in accordance with paragraph (b)
- (b) A containment system must be designed and operated as follows:
1. A base (sump) must underlay the containers which is free of cracks or gaps and is sufficiently impervious to contain leaks, spill, and accumulated precipitation until the collected material is detected and removed;
 2. The containment system must be otherwise designed and operated to drain and remove liquids resulting from leaks, spills, or precipitation, unless the containers are elevated or otherwise protected from contact with accumulated liquids;
 3. The containment system must have sufficient capacity to contain 10% of the volume of the containers or the volume of the largest container, whichever is greater.

NFPA - 30 Section 4-6.3.5

Spill or Leakage Control Lockers shall include a spill containment system to prevent the flow of liquids from the structure under emergency conditions. The containment systems shall have sufficient capacity to contain 10 percent of the volume of containers allowed or the volume of the largest container, whichever is greater.

EPA 40 CFR 122.26 Stormwater Regulations, National Pollutant Discharge Elimination System (NPDES):

SUMMARY: The NPDES permit program controls water pollution by regulating point sources and non-point sources that discharge pollutants into United States waters. These regulations are a key component of EPA's Clean Water Act.

The goal is to protect the quality of waterways by reducing the discharge of sediment, oil and chemicals into storm drains, surface and ground waters. NPDES requires Minimum Control Measures to be put into place by activities in affected Urbanized Areas (UA). Visit www.epa.gov/owm (US EPA Office of Wastewater Management), Appendix 6 to determine particular affected places.

This program includes the development and implementation of the Stormwater Pollution Prevention Plan (SWPPP). The SWPPP identifies: Potential Sources of Pollution and Exposed Materials; a history of past spills and leaks; BMPs; Non-Structural controls (Good Housekeeping Practices, Spill Prevention and Response); Structural controls such as Containment including Pollution Incident Prevention Plans (PIPP) and Spill Prevention, Control, and Countermeasures (SPCC) plans.



Corrosion resistance of the materials used to make the spill pallet and their compatibility with the substances stored must be demonstrated.

For many chemical substances steel spill pallets (1.0038) may be used. For corrosive substances (acids / alkalis) in particular, the use of plastic (polyethylene) spill pallets is often required.

High levels of protection, especially against many aggressive liquids, is offered by stainless steel.

If no information is given in the resistance lists, the material of the spill pallet may be the same material as the transport container.

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DENIOS provides numerous Spill Pallet/Sump designs.

Choose from painted and galvanized steel, stainless steel, and poly construction.



Base-Line by DENIOS

The most cost-effective solution for legally compliant chemical storage. Base-Line by DENIOS is a safe starting point for getting into hazardous materials storage. We are offering simple, sturdy and safe products, which you can rely on - at a great price.

- Meeting and exceeding EPA, OSHA and NFPA Regulations
- Made of high quality steel, providing durability and security
- Compliant Spill containment Sump - 100% tested and 100% leak-free
- Feet for 4-side forklift access
- Easily removable galvanized gratings
- Available as painted or galvanized



from \$ 355.00

Base-Line Spill Pallet for 4 drums, painted,
Order no. K16-3103-U0



Just give us a call. We would be pleased to provide you with advice!

» Expert advice: 800-216-7776



Base-Line Spill Pallet for 4 Drums, galvanized,
Order no. K16-1103-U0

Storage Capacity	2 Drums	4 Drums
External Dimensions W x D x H [in]	49 x 29 x 13	49 x 49 x 10
Sump Capacity [gal]	66	66
Total Load Capacity [lbs]	1,200	2,400
Shipping Weight [lbs]	98	134
Order number - Painted	K16-3102-U0	K16-3103-U0
Price / Item(s)	\$ 355.00	\$ 412.00
Order number - Galvanized	K16-1102-U0	K16-1103-U0
Price / Item(s)	\$ 375.00	\$ 440.00



Base-Line Spill Pallet for 2 Drums, painted,
Order no. K16-3102-U0



Base-Line Spill Pallet for 2 Drums, galvanized,
Order no. K16-1102-U0

Store your drums on the spill pallet that keeps you safe. DENIOS, leader in the industry, stands behind the quality of these spill pallets.

Nobody wants a spill to happen, but rest assured if it happens, you are covered. Add a drain to any our pallets to quickly & easily remove any liquid. Grating can also be removed for access to any spills.

Spill Containment Pallets for 1 Drum

from \$ 395.00



Painted 1 Drum Spill Pallet with Galvanized Grating,
Order no. K17-3101-U0



Galvanized 1 Drum Spill Pallet without Grating,
Order no. K17-1112-U0



Stainless Steel 1 Drum Spill Pallet with
Stainless Steel Grating, Order no. K17-2012-U0



Stainless Steel 1 Drum Spill Pallet with Fiberglass Grating,
Order no. K17-2010-U0

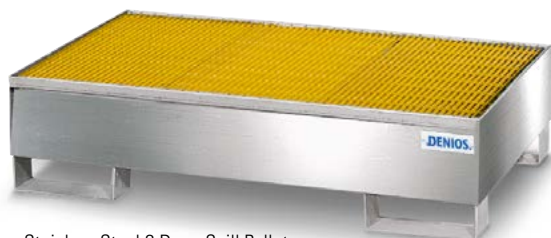
Pallet Material*	Painted Steel		Galvanized Steel		Stainless Steel	
Grating	No Grating	Galvanized Steel	No Grating	Galvanized Steel	Fiberglass	Stainless Steel
External Dimensions W x D x H [in]	34 x 34 x 18	34 x 34 x 18	34 x 34 x 18	34 x 34 x 18	34 x 34 x 18	34 x 34 x 18
Sump Capacity [gal]	66	66	66	66	66	66
Total Load Capacity [lbs]	600	600	600	600	600	600
Shipping Weight	165	195	165	195	195	195
Order number	K17-3151-U0	K17-3101-U0	K17-1112-U0	K17-1101-U0	K17-2010-U0	K17-2012-U0
Price / Item(s)	\$ 395.00	\$ 435.00	\$ 450.00	\$ 497.00	\$ 1,785.00	\$ 2,750.00

*All models are available with drains.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded out of high quality steel providing durability and security
- Easily removable hot dip galvanized gratings

- Feet provide easy forklift accessibility from all sides making transporting simple
- Inline drum pallets provide safe compliant storage solutions for your chemical needs. Steel design provides long lasting peace of mind knowing you will get years of use.

Spill Containment Pallets for 2 Drums



Stainless Steel 2 Drum Spill Pallet with Fiberglass Grating, Order no. K17-2015-U0



Painted 2 Drum Spill Pallet without Grating, Order no. K17-3132-U0



Stainless Steel 2 Drum Spill Pallet with Stainless Steel Grating, Order no. K17-2017-U0



Painted 2 Drum Spill Pallet with Galvanized Grating, Order no. K17-3102-U0

Optional Accessory

Tarp Covers

- Provide protection from the elements for your totes
- Durable, chemically resistant, and custom fit to the sump to prevent rainwater intrusion



Order no. K22-2020-U0, \$ 179.00

Pallet Material*	Painted Steel		Galvanized Steel		Stainless Steel	
Grating	No Grating	Galvanized Steel	No Grating	Galvanized Steel	Fiberglass	Stainless Steel
External Dimensions W x D x H [in]	54 x 34 x 14	54 x 34 x 14	54 x 34 x 14	54 x 34 x 14	54 x 34 x 14	54 x 34 x 14
Sump Capacity [gal]	66	66	66	66	66	66
Total Load Capacity [lbs]	1,200	1,200	1,200	1,200	1,200	1,200
Shipping Weight	150	205	150	205	205	205
Order number	K17-3132-U0	K17-3102-U0	K17-1113-U0	K17-1102-U0	K17-2015-U0	K17-2017-U0
Price / Item(s)	\$ 597.00	\$ 650.00	\$ 670.00	\$ 730.00	\$ 2,450.00	\$ 2,865.00

*All models are available with drains.



Inline drum pallets provide safe compliant storage solutions for your chemical needs. Steel design provides long lasting peace of mind knowing you will get years of use.

Spill Containment Pallets for 3 Drums - Inline

from \$ 655.00



3 Drum Spill Pallet with galvanized grating,
Order no. K17-3100-U0



3 Drum Spill Pallet with galvanized Grating,
Order no. K17-1100-U0



3 Drum Spill Pallet, Stainless Steel,
Order no. K17-2000-U0

Pallet Material	Painted Steel		Galvanized Steel		Stainless Steel	
	No Grating	Galvanized Steel	No Grating	Galvanized Steel	Stainless Steel	Fiberglass
External Dimensions W x D x H [in]	81 x 34 x 10	81 x 34 x 10	81 x 34 x 10	81 x 34 x 10	81 x 34 x 10	81 x 34 x 10
Sump Capacity [gal]	66	66	66	66	66	66
Total Load Capacity [lbs]	1,800	1,800	1,800	1,800	1,800	1,800
Shipping Weight	170	235	170	235	235	235
Order number*	K17-3133-U0	K17-3100-U0	K17-1117-U0	K17-1100-U0	K17-2000-U0	K17-2001-U0
Price / Item(s)	\$ 655.00	\$ 797.00	\$ 710.00	\$ 1,155.00	\$ 1,975.00	\$ 2,155.00

*All models are available with drains.



- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded out of high quality steel providing durability and security
- Easily removable hot dip galvanized gratings

- Feet provide easy forklift accessibility from all sides making transporting simple
- Available in either galvanized, painted, or stainless steel

Spill Containment Pallets for 4 Drums - Inline



The compact design, space-saving design of a DENIOS Inline Spill Pallet provides a solution when floor space is limited.

from \$ 855.00



Pallet Material	Painted Steel		Galvanized Steel		Stainless Steel		
	No Grating	Galvanized Steel	No Grating	Galvanized Steel	No Grating	Fiberglass	Stainless Steel
External Dimensions W x D x H [in]	107 x 34 x 10	107 x 34 x 10	107 x 34 x 10	107 x 34 x 10	107 x 34 x 10	107 x 34 x 10	107 x 34 x 10
Sump Capacity [gal]	66	66	66	66	66	66	66
Total Load Capacity [lbs]	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Shipping Weight	308	380	308	380	308	380	380
Order number*	K17-3135-U0	K17-3104-U0	K17-1115-U0	K17-1104-U0	K17-2023-U0	K17-2026-U0	K17-2028-U0
Price / Item(s)	\$ 855.00	\$ 1,007.00	\$ 895.00	\$ 1,255.00	\$ 2,265.00	\$ 2,965.00	\$ 3,745.00

*All models are available with drains.

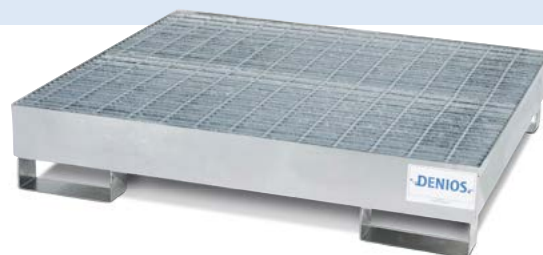
Store your drums on the spill pallet that keeps you safe. DENIOS, leader in the industry, stands behind the quality of these spill pallets.

Nobody wants a spill to happen, but rest assured if it happens, you are covered. Add a drain to any our pallets to quickly & easily remove any liquid. Grating can also be removed for access to any spills.

Spill Containment Pallets for 4 Drums



4 Drum Spill Pallet with grating,
Order no. K17-3103-U0



4 Drum Spill Pallet with Grating, galvanized,
Order no. K17-1103-U0



4 Drum Spill Pallet,
Order no. K17-1114-U0



4 Drum Spill Pallet, Stainless Steel,
Order no. K17-2027-U0

Optional Accessory

Ramp

- Versatile design adjusts to heights of 9-11 inches
- Built tough to last in everyday use
- External Dimensions
W x D x H [in]
60 x 30 x 11

Universal Sump
Pallet Ramp

Order no. K17-1941-U0, \$ 1,195.00



Tarp Covers

- Provide protection from the elements for your totes
- Durable, chemically resistant, and custom fit to the sump to prevent rainwater intrusion



Order no. K22-2040-U0, \$ 233.00

Pallet Material	Painted Steel		Galvanized Steel		Stainless Steel	
Grating	No Grating	Galvanized Steel	No Grating	Galvanized Steel	Fiberglass	Stainless Steel
External Dimensions W x D x H [in]	54 x 50 x 10	54 x 50 x 10	54 x 50 x 10	54 x 50 x 10	54 x 50 x 10	54 x 50 x 10
Sump Capacity [gal]	66	66	66	66	66	66
Total Load Capacity [lbs]	2,400	2,400	2,400	2,400	2,400	2,400
Shipping Weight	198	270	198	270	270	270
Order number*	K17-3134-U0	K17-3103-U0	K17-1114-U0	K17-1103-U0	K17-2025-U0	K17-2027-U0
Price / Item(s)	\$ 725.00	\$ 895.00	\$ 775.00	\$ 925.00	\$ 2,565.00	\$ 3,280.00

*All models are available with drains.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded out of high quality steel providing durability and security
- Easily removable hot dip galvanized gratings
- Feet provide easy forklift accessibility from all sides making transporting simple
- Inline drum pallets provide safe compliant storage solutions for your chemical needs. Steel design provides long lasting peace of mind knowing you will get years of use.
- Available in either galvanized, painted, or stainless steel

Spill Containment Pallets for up to 8 Drums



6 Drum Spill Pallet, galvanized,
Order no. K17-1116-U0



8 Drum Spill Pallet, painted,
Order no. K17-3105-U0



6 Drum Spill Pallet, galvanized, with Grating,
Order no. K17-1109-U0



8 Drum Spill Pallet with Grating,
Stainless Steel, Order no. K17-2047-U0

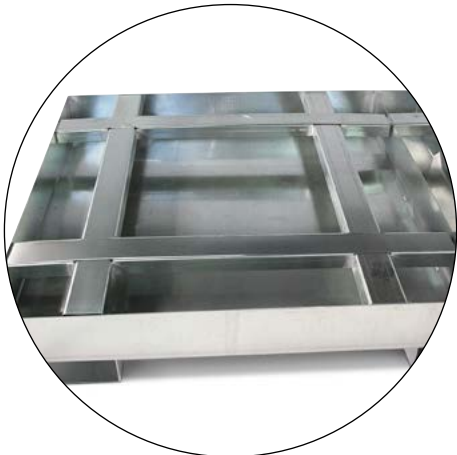
Storage Capacity	6 Drums - No Grating	6 Drums - w/ Grating	8 Drums - No Grating	8 Drums - w/ Grating
External Dimensions W x D x H [in]	75 x 50 x 10	75 x 50 x 10	107 x 50 x 10	107 x 50 x 10
Sump Capacity [gal]	95	95	132	132
Total Load Capacity [lbs]	3,600	3,600	4,800	4,800
Shipping Weight	232	352	309	482
Order number* - Painted	K17-3136-U0	K17-3109-U0	K17-3108-U0	K17-3105-U0
Price / Item(s)	\$ 975.00	\$ 1,030.00	\$ 1,025.00	\$ 1,355.00
Order number* - Galvanized	K17-1116-U0	K17-1109-U0	K17-1110-U0	K17-1105-U0
Price / Item(s)	\$ 1,065.00	\$ 1,115.00	\$ 1,085.00	\$ 1,440.00
Order number* - Stainless Steel	K17-2033-U0	—	K17-2031-U0	—
Price / Item(s)	\$ 2,855.00	—	\$ 3,555.00	—
Order number* - Stainless Steel w/ Fiberglass Grating	—	K17-2035-U0	—	K17-2045-U0
Price / Item(s)	—	\$ 3,581.00	—	\$ 4,435.00
Order number* - Stainless Steel w/ Stainless Steel Grating	—	K17-2037-U0	—	K17-2047-U0
Price / Item(s)	—	\$ 5,987.00	—	\$ 7,927.00

*All models are available with drains.

Spill Pallets and Sumps with Pallet Supports

Provide cost savings and compliant spill containment for Palletized Drums.

- Designed to hold standard 40 and 48 inch pallets
- Recommended for poly and steel pallets
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded, all steel construction for extended life
- Feet for easy forklift access
- Use care with wooden pallets as sizes may not be standard and damaged wood could cause instability
- Note: Pallets not included
- Available in both painted & galvanized steel
- Available with or without forklift pockets



Integrated pallet support for 40 and 48 inch pallets



Spill Containment Pallet for up to 8 Drums, Order no. K17-1018-U0



from \$ 545.00

Spill Containment Sump for up to 4 drums, Order no. K15-1035-U0

Design allows for easy loading and unloading of pallets.



Spill Containment Pallet for up to 4 drums, Order no. K17-3137-U0

Storage Capacity	1 Pallet with 4 Drums		2 Pallet with 4 Drums/Pal.	
Version	On Floor	On Feet	On Floor	On Feet
External Dimensions W x D x H [in]	51 x 51 x 7	51 x 51 x 11	101 x 51 x 7	101 x 51 x 11
Sump Capacity	66	66	66	66
Total Load Capacity	2,400	2,400	4,800	4,800
Shipping Weight	216	220	416	420
Order number Painted	K15-3035-U0	K17-3137-U0	K15-3038-U0	K17-3139-U0
Price / Item(s)	\$ 545.00	\$ 825.00	\$ 965.00	\$ 1,097.00
Order number Galvanized	K15-1035-U0	K17-1015-U0	K15-1038-U0	K17-1018-U0
Price / Item(s)	\$ 590.00	\$ 870.00	\$ 1,050.00	\$ 1,140.00

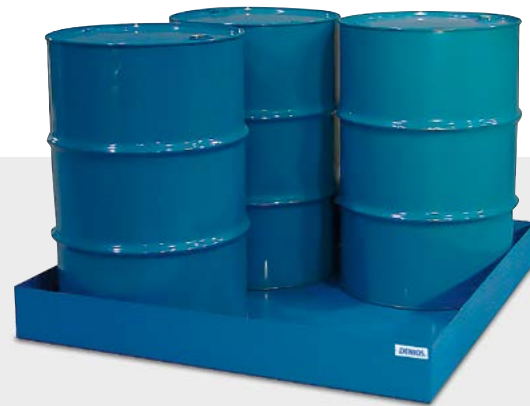
Spill Containment Sumps for up to 4 Drums

DENIOS Steel Sumps provide spill containment without the extra height and expense of forklift accessible base designs. When transport is necessary, simply place these sumps on pallets for forklift access. Sumps with our exclusive platform insert position the stored products above the spill sump in compliance with hazmat storage regulations.

- Compliance with hazmat storage regulations such as EPA, NFPA, and OSHA. Basic
- Basic sumps without platform provide spill containment in non critical applications
- Sumps with our exclusive platform insert position the stored products above the spill containment sump
- Solidly welded, all steel construction for extended life
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel



Spill Containment Sump for 2 Drums, painted, with platform, Order no. K15-3024-U0



Spill Containment Sump for 4 Drums, painted, without platform, Order no. K15-3005-U0



Spill Containment Sump for 4 Drums, painted, with platform, Order no. K15-3027-U0



Spill Containment Sump for 4 Drums Inline, galvanized, with platform, Order no. K15-1029-U0

Storage Capacity	2 Drums		4 Drums		4 Drums Inline
Version	w/o Platform	w/ Platform	w/o Platform	w/ Platform	w/ Platform
External Dimensions W x D x H [in]	50 x 34 x 9	50 x 34 x 9	50 x 50 x 7	50 x 50 x 7	102 x 34 x 5
Sump Capacity	66	66	66	66	66
Total Load Capacity	1,200	1,200	2,400	2,400	2,400
Shipping Weight	142	212	190	265	350
Order number Painted	K15-3001-U0	K15-3024-U0	K15-3005-U0	K15-3027-U0	K15-3029-U0
Price / Item(s)	\$ 365.00	\$ 595.00	\$ 525.00	\$ 770.00	\$ 757.00
Order number Galvanized	K15-1001-U0	K15-1024-U0	K15-1005-U0	K15-1027-U0	K15-1029-U0
Price / Item(s)	\$ 410.00	\$ 635.00	\$ 560.00	\$ 820.00	\$ 1,065.00

PolySafe Spill Pallets for 2 or 4 Drums

New Generation of Spill Pallets with the experience of over 25 years these Spill Pallets provide high functionality and heavy duty construction for longlife use at any job site.

- Safe storage of hazardous materials like oils, coolants, acids, caustics, and other aggressive liquids
- Modern Design in combination with high functionality
- Rugged Construction provides impact and shock resistance even under high temperature conditions
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free



from \$ 143.00

Poly Safe Spill Pallet with galvanized grating, for 2 Drums



Poly Grating



Galvanized Steel Grating



Poly Safe Spill Pallet for 2 Drums



Poly Safe Spill Pallet with galvanized grating, for 2 Drums



Poly Safe Spill Pallet with Poly Grating, for 2 Drums

Suitable for	2 Drums		
Version	without Grating	Galvanized Grating	Polyethylene Grating
External Dimensions W x D x H [in]	52.4 x 36.6 x 15.2	52.4 x 36.6 x 15.2	52.4 x 36.6 x 16.2
Sump Capacity [gal]	66	66	66
Total Load Capacity [lbs]	1,765	1,765	1,765
Shipping Weight [lbs]	74	107	110
Order number*	K22-1500-U0	K22-1501-U0	K22-1502-U0
Price / Item(s)	\$ 143.00	\$ 190.00	\$ 199.00

*All models are available with drains.

HazMat Rack & Sump Combinations

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- Completely sealed, seamlessly processed, 100% liquid-tight
- Extremely stable supports molded in the bottom of the sump, supports are used for the safe mounting of gratings or pallets
- Four-way forkliftable
- Rust-free and easy to clean
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Sized for 2 or 4 Drums up to 55 gal
- Removable gratings for easy access to the sump when cleaning becomes necessary
- Choose between Spill Pallets without Grating, with Steel (galvanized) or PE Grating
- Tarp Covers available as an option



Stable supports can be used for grating or pallets can be placed directly on them.



Poly Safe Spill Pallet with poly grating, for 4 Drums



Poly Safe Spill Pallet for 4 Drums



Poly Safe Spill Pallet with galvanized grating, for 4 Drums



Poly Safe Spill Pallet with poly grating, for 4 Drums

Safety Cabinets



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Suitable for	4 Drums		
Version	Without Grating	Galvanized Grating	Polyethylene Grating
External Dimensions W x D x H [in]	52.4 x 52.4 x 11.6	52.4 x 52.4 x 11.6	52.4 x 52.4 x 12.6
Sump Capacity [gal]	66	66	66
Total Load Capacity [lbs]	3,530	3,530	3,530
Shipping Weight [lbs]	82	129	134
Order number*	K22-1505-U0	K22-1506-U0	K22-1507-U0
Price / Item(s)	\$ 163.00	\$ 245.00	\$ 292.00

*All models are available with drains.



Spill Containment Pallets for up to 4 Drums

These Spill Pallets provide chemical, UV, rust and corrosion resistance while the textured removable grate keeps drums from sliding and provides unrestricted and hassle-free sump.

- Poly construction great for storing acids and caustics
- Provides compliant spill containment
- Durable plastic design will not rust or corrode
- Sized for 55 gallon drums
- Provides fork pockets for easy relocation
- Comes in high visibility yellow color
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations



Spill Pallet for 4 Drums Low Profile, available with or without Drain



Spill Pallet for 2 Drums, nestable, available with or without Drain



Spill Pallet for 4 Drums Inline, available with or without Drain

Version	2 Drum - Nestable	2 Drum	4 Drum - Low-Profile	4 Drum	4 Drum InLine
External Dimensions W x D x H [in]	51.0 x 25.8 x 21.5	53.5 x 29 x 17	54 x 54 x 11.3	50 x 50 x 17	98.3 x 25.3 x 11.5
Sump Capacity [gal]	66	58	66	83	66
Total Load Capacity [lbs]	2,000	2,000	6,000	6,000	3,000
Order number	M76-1393-U0	M76-0231-U0	M76-0233-U0	M76-1373-U0	M76-1379-U0
Price / Item(s)	\$ 233.00	\$ 252.00	\$ 394.00	\$ 373.00	\$ 347.00
Order number - w/ Drain	—	K22-0231-U0	K22-0233-U0	K22-0237-U0	K22-0235-U0
Price / Item(s)	—	\$ 280.00	\$ 308.00	\$ 401.00	\$ 373.00
Accessories					
Tarp Cover					
Order number	M76-1392-U0	K22-2025-U0	K22-2035-U0	M76-1372-U0	K22-2045-U0
Price / Item(s)	\$ 179.00	\$ 253.00	\$ 279.00	\$ 233.00	\$ 279.00
Poly Ramp, 12.5 in High					
Order number	—	M76-1377-U0	M76-1377-U0	M76-1377-U0	M76-1377-U0
Price / Item(s)	—	\$ 280.00	\$ 280.00	\$ 280.00	\$ 280.00
Ramp Extender, 5.5 in High					
Order number	—	M76-1376-U0	—	M76-1376-U0	—
Price / Item(s)	—	\$ 77.00	—	\$ 77.00	—

Workstations

There's no need to worry about incidental spills on your factory floor. These Workstations are easy to load with a low profile design and optional ramp. Each Workstation is designed for stand-alone use or can connect with other Workstations.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Rigid plastic design will not rust or corrode
- Holds 55-gallon drums or a variety of other containers with full compliance
- Low profile design stays out of the way



Workstations are designed for stand-alone use or can be connected with other Workstations for a large customized work area.

- Removable grates for easy access to the sump
- Link and lock any size together for a custom workspace
- Optional ramp available for loading with a hand truck



Product Description	2 Drum Workstation	4 Drum Workstation	6 Drum Workstation	8 Drum Workstation
External Dimensions W x D x H [in]	53.5 x 28.5 x 6	53.5 x 53.5 x 6	77 x 53 x 6	53 x 99 x 6
Sump Capacity	22	41	61	77
Total Load Capacity	2,000	4,000	6,000	8,000
Order number	M76-1387-U0	M76-1385-U0	M76-1383-U0	M76-1380-U0
Price / Item(s)	\$ 195.00	\$ 355.00	\$ 525.00	\$ 551.00
Accessories	Tarp Cover	Tarp Cover	—	Tarp Cover
Order number	M76-1386-U0	M76-1384-U0	—	K22-0437-U0
Price / Item(s)	\$ 179.00	\$ 233.00	—	\$ 486.00

Optional Accessory

Tarp Covers

- Provide protection from the elements for your totes
- Durable, chemically resistant, and custom fit to the sump to prevent rainwater intrusion



Ramp

- Easily load a variety of containment products with a hand truck with this handy ramp
- Compatible with 2 and 4 Drum Workstations



Order no. M76-1381-U0, \$ 242.00

Link-Lock for Workstations

- Link and lock Workstations together safely in a wide variety of configurations
- Sold in pairs



Order no. M76-1382-U0, \$ 37.00



Transport Pallets for 1, 2 or 4 Drums

Don't Take Unnecessary Risks When Moving Palletized Drums, Use Our Transport Pallets for Secured Relocation of Drums.
This Painted 1, 2 or 4 Drum Transport Pallet with chains allows for safe movement of drums with built-in spill containment protection.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Galvanized grating is easily removed for sump cleanup
- Pallets provide four-way forklift access
- Durable chains and steel corner posts contain drums on pallet while transporting



\$ 1,045.00

Order no. K17-3207-U0

Transport Pallet with Chains and Corner Posts, suitable for up to 4 Drums (55 gal), painted



Fact: Most spills occur when transporting chemicals. Safely and securely move your chemicals with our Transport Pallets.



Transport Pallet for 2 Drums



Transport Pallet for 4 Drums, removable corner posts facilitate safe loading and unloading of drums from the pallet.



Transport Pallet for 4 Drums

Storage Capacity	1 Drum	2 Drums	4 Drums
External Dimensions W x D x H [in]	34 x 34 x 43	54 x 34 x 37	55 x 50 x 35
Sump Capacity	66	66	66
Total Load Capacity	600	1,200	2,400
Shipping Weight	230	245	315
Order number*	K17-3205-U0	K17-3206-U0	K17-3207-U0
Price / Item(s)	\$ 635.00	\$ 935.00	\$ 1,085.00

*All models are available with drains.

RuptureSeal

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Stackable and Transport Pallets with Side Rails

Adding angle frame rails to our most popular Pallets allows for safe, efficient transport and stacking.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Solidly welded, all steel construction for extended life
- Sump welds are 100% tested and certified leak-free
- Finished with a durable, hard-shell finish
- Galvanized grating is easily removed for sump cleanup
- Four-way forklift access
- Available with optional security bars for safer transport (Sold separately)

Transport Pallets have lower rails for easier access to drum tops. Pallets are not stackable.



\$ 1,075.00

Order no. K17-3226-U0

4 Drum Transport Pallet with optional security bar (sold separately).



\$ 975.00

Order no. K17-3202-U0

2 Drum Stackable Pallet with Rails. Stacks 2-High.



Stacking Pallets have ample rail heights to allow for drum storage on wooden skids without inhibiting fork access to upper pallet.

Description	2 Drums	4 Drums	2 Drum - Stackable	4 Drum - Stackable
External Dimensions W x D x H [in]	54 x 34 x 37	55 x 50 x 35	54 x 34 x 55	55 x 50 x 54
Sump Capacity	66	66	66	66
Total Load Capacity	1,200	2,400	1,200	2,400
Shipping Weight	295	365	310	385
Order number*	K17-3222-U0	K17-3226-U0	K17-3202-U0	K17-3203-U0
Price / Each	\$ 970.00	\$ 1,130.00	\$ 1,015.00	\$ 1,185.00

*All models are available with drains.

Optional Accessory

Optional Security Bar

- Provide additional security for your Transport Pallet by adding this security bar



Order no. K17-3229-U0, \$ 72.00



SPCC
COMPLIANT



OSHA®



Transport Pallets with Separation Walls

Transport pallets with splash walls allow safe movement of drums with built-in spill containment protection as well as provide additional separation of your chemicals from the surrounding area.

- Store regulated chemicals over a fully EPA compliant 66-gallon spill containment sump
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Durability of all-steel construction insures years of use in even the harshest industrial conditions
- Galvanized grating is easily removable for sump cleanup
- Walls provide necessary separation from incompatible chemicals when dispensing
- Transport pallets have 4-way forklift accessibility
- SPCC Compliant



2 Drum Transport Pallet provides separation walls sufficient for drums on wooded skids.
Order no. K17-3302-U0



Fact: Most spills occur when transporting chemicals. Safely and securely move your chemicals with our Transport Pallets.

4 Drum Transport Pallet with
Splash Walls, suitable for 4 drums
Order no. K17-1303-U0

Storage Capacity	2 Drums	4 Drums
External Dimensions W x D x H [in]	54 x 34 x 55	55 x 50 x 53
Sump Capacity [gal]	66	66
Total Load Capacity [lbs]	1,200	2,400
Shipping Weight [lbs]	320	410
Order number Painted	K17-3302-U0	K17-3303-U0
Price / Item(s)	\$ 1,125.00	\$ 1,375.00
Order number Galvanized	K17-1302-U0	K17-1303-U0
Price / Item(s)	\$ 1,196.00	\$ 1,450.00

For completely enclosed
Pallet Systems

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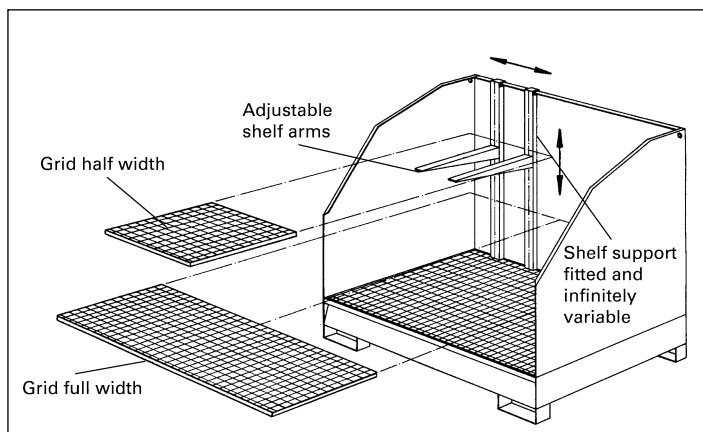
Stackable 3-Wall Transport Pallets

Provide additional separation and splash protection to spill pallets with these 3-Wall Transport Pallets.

- Use our unique stackable pallets to safely store and move drums within your facility
- The stackable design saves critical facility floor space
- For extra transport protection, security bars are available as an option for the open front
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Galvanized grating is easily removable for sump cleanup
- Four-way forklift access



4 Drum Stackable Transport Pallet. Pallets are stackable 2 high, Order no. K17-3403-U0



Call us: **800-216-7776**



Vertical stacking capability saves floor space while storing drums.
- 2 Drum Models can be stacked 3-high and 4 Drum Models can be stacked 2-high

Storage Capacity	2 Drums	4 Drums
External Dimensions W x D x H [in]	54 x 34 x 54	55 x 50 x 55
Sump Capacity	66	66
Total Load Capacity	1,200	2,400
Shipping Weight	365	455
Order number	K17-3402-U0	K17-3403-U0
Price / Item(s)	\$ 1,497.00	\$ 1,585.00

HazMat Shelving offers additional storage opportunities.

Half Width Shelf	Package	Adder
External Dimensions W x D [in]	23 x 18.5	23 x 18.5
Included in delivery	1 Pair Shelf Arms 1 Pair Shelf Uprights	1 Pair Shelf Arms
Order number	K17-3701-U0	K17-3702-U0
Price / Item(s)	\$ 282.00	\$ 152.00

Full Width Shelf	Package	Adder
External Dimensions W x D [in]	46 x 18.5	46 x 18.5
Included in delivery	1 Pair Shelf Arms 1 Pair Shelf Uprights	1 Pair Shelf Arms
Order number	K17-3711-U0	K17-3712-U0
Price / Item(s)	\$ 318.00	\$ 181.00

Transport Cart for Small Containers and Drums

A safe, secure way to transport drums and small containers while still providing spill protection.



1 Drum Spill Cart with grating, painted,
Order no. K17-3106-U0



Spill Cart for smaller totes, with grating, painted,
Order no. K17-3140-U0



1 Drum Spill Cart with grating, painted,
Order no. K17-3106-U0



1 Drum Spill Cart with grating, galvanized,
Order no. K17-1106-U0



Spill Cart for smaller totes, painted,
Order no. K17-3141-U0

Storage Capacity	Small Containers		1 Drum	
External Dimensions W x D x H [in]	35 x 25 x 41		34 x 34 x 40	
Sump Capacity [gal]	16		66	
Total Load Capacity [lbs]	450		600	
Version	w/o Grating	w/ Grating	w/o Grating	w/ Grating
Shipping Weight [lbs]	165	192	250	300
Order number - Painted	K17-3141-U0	K17-3140-U0	K17-3114-U0	K17-3106-U0
Price / Item(s)	\$ 620.00	\$ 784.00	\$ 899.00	\$ 1,055.00
Order number - Galvanized	—	—	K17-1130-U0	K17-1106-U0
Price / Item(s)	—	—	\$ 1,007.00	\$ 1,125.00
Order number - Stainless Steel	—	—	K17-2130-U0	K17-2106-U0
Price / Item(s)	—	—	\$ 4,116.00	\$ 4,609.00

Falcon Safety Cans

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- Compliant Sump volumes meet EPA, OSHA, NFPA and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded, all steel construction for extended life
- Easy removable Gratings
- Available as painted, galvanized or stainless steel



2 Drum Still Cart, Stainless Steel, with grating,
Order no. K17-2107-U0



2 Drum Spill Cart with Grating,
Casters and Handle, painted,
Order no. K17-3107-U0



2 Drum Spill Cart, galvanized,
Order no. K17-1131-U0



2 Drum Spill Cart with Grating, galvanized,
Order no. K17-1107-U0



Perfect for transporting small containers:
Spill Cart, painted,
Order no. K17-3115-U0

Storage Capacity	2 Drums	
External Dimensions W x D x H [in]	54 x 34 x 40	
Sump Capacity [gal]	66	
Total Load Capacity [lbs]	1,200	
Version	w/o Grating	w/ Grating
Shipping Weight [lbs]	290	340
Order number - Painted	K17-3115-U0	K17-3107-U0
Price / Item(s)	\$ 1,025.00	\$ 1,455.00
Order number - Galvanized	K17-1131-U0	K17-1107-U0
Price / Item(s)	\$ 1,315.00	\$ 1,555.00
Order number - Stainless Steel	K17-2131-U0	K17-2107-U0
Price / Item(s)	\$ 5,379.00	\$ 6,364.00

Containment Shelves

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SPCC
COMPLIANT



OSHA®



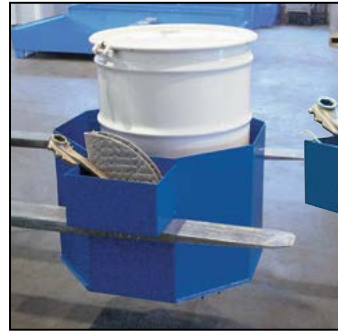
Transport Cart for Small Containers and Drums

A safe, secure way to transport drums and small containers while still providing spill protection.

- Sump volume meets EPA & UFC requirements
- Made of heavy gauge steel for extended life
- Welds are 100% inspected with a low-viscous test to ensure leaktightness
- Two side "pocket arms" allow for forklift transport
- With four casters for easy manual transport

Version	without Casters	with Casters
Storage Capacity	1 Drum	1 Drum
External Dimensions W x D x H [in]	34 x 34 x 40	34 x 34 x 35
Sump Capacity [gal]	66	66
Shipping Weight	290	290
Order number	K17-3216-U0	K17-3212-U0
Price / Item(s)	\$ 447.00	\$ 897.00

from \$ 447.00



Transport Sump with Forklift Attachment



Transport Sump with Forklift Attachment and Casters



Tug for 1 Drum

from \$ 1,876.00

Drum and IBC Tote Spill Containment Tugs

These Tugs are equipped with Casters (two locking Swivel and two Fixed) and a hitch/receiver system for easy transportation of drums via forkluck.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Easy removable Gratings
- Drum models provide walls to prevent drums from tipping. Tote design provides a lip to contain sliding



Tug for 2 Drums



Tug for 4 Drums



Tug for 1 IBC Tote

Storage Capacity	1 Drum	2 Drums	4 Drums	1 IBC Tote
External Dimensions W x D x H [in]	34 x 34 x 45	54 x 34 x 41	54 x 50 x 37	52 x 72 x 33
Sump Capacity [gal]	66	66	66	385
Total Load Capacity [lbs]	600	1,200	2,400	5,000
Shipping Weight	235	295	365	550
Order number	K17-3142-U0	K17-3143-U0	K17-3144-U0	K17-3145-U0
Price / Item(s)	\$ 1,876.00	\$ 2,414.00	\$ 2,653.00	\$ 2,888.00

Spillcarts for up to 2 Drums

These Spillcarts provide easy, spill protected transportation of drums and smaller containers.

- Low profile for easier loading and unloading
- Grating for optimal load bearing capacity, easily removable for spill clean-up
- Includes two edge binders to join units

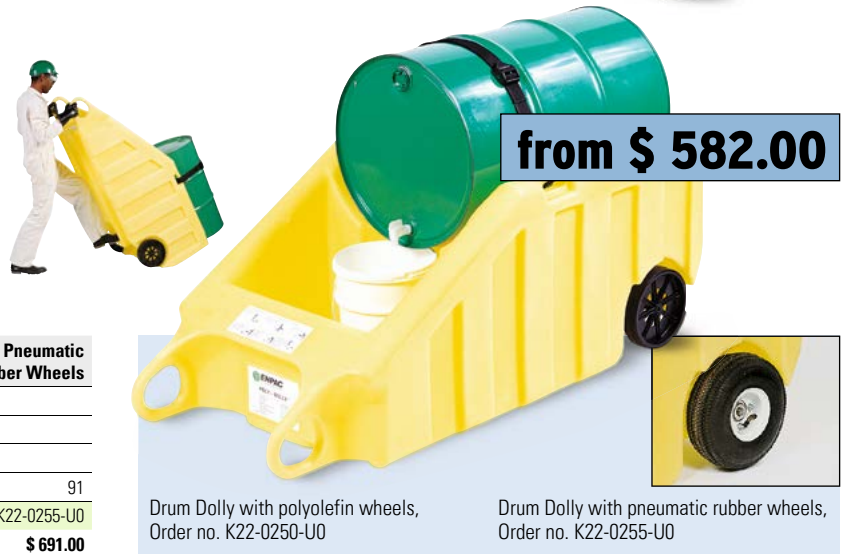
Version	10" Polyolefin Wheels	10" Solid Rubber Wheels
External Dimensions W x D x H [in]	65 x 29 x 44	
Sump Capacity [gal]	57	
Total Load Capacity [lbs]	500	
Shipping Weight	114	120
Order number	K22-0251-U0	K22-0256-U0
Price / Item(s)	\$ 719.00	\$ 840.00



Drum Dolly

This Drum Dolly transports 55-gallon drums with ease, tilts to become an efficient self-dispensing station, and acts as its own secondary containment unit. By reducing unnecessary and dangerous drum handling, it protects workers, improves efficiency, and helps improve profits.

Version	with 10" Polyolefin Wheels	with 10" Pneumatic Rubber Wheels
External Dimensions W x D x H [in]	68 x 31.5 x 27	
Sump Capacity [gal]	70	
Total Load Capacity [lbs]	600	
Shipping Weight	92	91
Order number	K22-0250-U0	K22-0255-U0
Price / Item(s)	\$ 582.00	\$ 691.00



Moveable Poly Collector with Drum

Mobile waste collection system that is outfitted with an outer plastic drum, an inner poly drum, a dolly for mobility and a plastic drum funnel.

- Take drums anywhere with this convenient, durable drum dolly
- Powder coated frame for corrosion resistant
- Caster wheels make maneuverability a breeze
- External Dimensions W x D x H: 32.5 x 32.5 x 42 in

\$ 523.00

Order no. M76-1521-U0



Spill Scooter

- Manufactured from high impact strength polyethylene, these drum dollies are lightweight, yet strong
- Four 3" swivel caster wheels easily support the drum while making maneuverability a breeze
- Molded pour spout for easy draining
- External Dimensions W x D x H: 35 x 35 x 8.8 in

Handle for Spill Scooter, Order no. M76-1391-U0, \$ 37.00

Spill Scooter, Order no. M76-1390-U0, \$ 196.00





Drum Cradles for Horizontal Storage - 1 Drum

- Drum Cradles, made for horizontal drum storage
- The Drum Cradles are easy to maneuver and allows for easy dispensing
- Use together with any DENIOS Sump Pallet or sump to keep drips and leaks from spilling onto floors and into aisles

from \$ 297.00



Drum Cradles for Horizontal Storage - 1 Drum,
Order no. K17-1901-U0



Drum Cradles for Horizontal Storage - 2 Drums,
Order no. K17-1902-U0



Poly Drum Cradles - 2 Drums,
Order no. K22-0890-U0

Drum Cradle	1 Drum	2 Drums	2 Drums
Material	Galvanized Steel	Galvanized Steel	Poly
External Dimensions W x D x H [in]	24 x 24 x 14	48 x 24 x 14	48.5 x 41 x 20
Total Load Capacity [lbs]	600	1,200	2,400
Shipping Weight	48	70	120
Order number	K17-1901-U0	K17-1902-U0	K22-0890-U0
Price / Item(s)	\$ 297.00	\$ 350.00	\$ 299.00

Drum Dispensing Stations

- Combine the drum cradle with our spill containment sump to create a practical, cost-effective dispensing station



Combo with Drum Cradle for
1 Drum and Sump K15-3001



Combo with Drum Cradle for
2 Drum and Sump K15-3005

Compatibility	with Drum Cradle - 1 Drum	with Drum Cradle - 2 Drums
External Dimensions W x D x H [in]	50 x 34 x 9	50 x 50 x 7
Sump Capacity [gal]	66	66
Total Load Capacity [lbs]	1,200	2,400
Shipping Weight [lbs]	142	190
Order number Painted	K15-3001-U0	K15-3005-U0
Price / Item(s)	\$ 365.00	\$ 525.00

Drum Dispensing Stations for up to 4 Drums

Safely dispense from 55 Gallon Drums over a Spill Compliant Sump

- Drums are securely held on racks by galvanized positioners
- Sump extends out to capture any leaks or spills resulting from dispensing
- Compliant Sump volumes meet EPA, OSHA, NFPA and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Solidly welded, all steel construction for extended life
- Design provides clearances from bottom of sump to bottom of rack of 18" (one drum model) or 13.5" (two and four drum model)



\$ 945.00
Order no. K17-3001-U0



\$ 1,475.00
Order no. K17-3003-U0



Drum Dispensing Station for 2 Drums

\$ 1,175.00
Order no. K17-3002-U0



Storage Capacity	1 Drum	2 Drums	4 Drums
External Dimensions W x D x H [in]	32 x 52 x 22	61 x 52 x 18	61 x 52 x 48
Sump Capacity [gal]	66	66	66
Total Load Capacity [lbs]	600	1,200	2,400
Shipping Weight [lbs]	210	235	310
Order number	K17-3001-U0	K17-3002-U0	K17-3003-U0
Price / Item(s)	\$ 945.00	\$ 1,175.00	\$ 1,475.00



Mini Racker and Stacker

The Mini Racker System is ideal for safe storage and dispensing of small containers with built-in spill protection and enclosed spill sump.

- Compliant Sump volumes meet EPA, OSHA, NFPA and other regulations
- Help save liquids that are routinely lost during the dispensing process
- Protect workers safety by keeping the dispensing areas neat and clean
- Protect the floor and environment
- Durable, chemically resistant design
- Fits two 5 gallon cube containers, jerry cans, and up to 6.5 gallon pails
- Mobile Unit features 3-wheels and a pull handle for a contained dispensing unit wherever you need it. Pull handle flips up and out of the way for compact storage. For the safe storage of small containers

Product Description	Mini-Racker	Mini-Racker - Mobile Unit
External Dimensions W x D x H [in]	28 x 29.8 x 14.5	31 x 29 x 15.3
Sump Capacity [gal]	8	8
Total Load Capacity [lbs]	200	200
Shipping Weight [lbs]	25	32
Order number	M76-1496-U0	M76-1497-U0
Price / Item(s)	\$ 179.00	\$ 373.00
Accessories	Mini Stacker for 2 containers	
Order number	M76-1498-U0	M76-1498-U0
Price / Item(s)	\$ 116.00	\$ 116.00



Mini Racker, shown with one optional Stacker

Mini Racker - Mobile Unit, with wheels and handle, suitable for small containers

Poly Drum Cradles - 2 Drums

- A great way to turn a spill pallet into a horizontal dispensing station
- It fits perfectly on a four drum spill pallet, while still leaving enough room for dispensing operations
- It can also be used as a storage tool directly on the ground for non-hazardous liquids
- Durable, chemically resistant design
- Fits two 55-gallon drums

Product Description	Multi-Purpose 2 Drum Racker Stacker
External Dimensions W x D x H [in]	48.5 x 41 x 20
Total Load Capacity [lbs]	2,400
Shipping Weight [lbs]	120
Order number	K22-0890-U0
Price / Item(s)	\$ 299.00



Find more interesting products on



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Drum Racker and Stacker

Use these Poly Racker as a safe and easy to use Dispensing Station for up to 6 Drums (55 gal) with built-in spill protection and enclosed spill sump.

- Compliant Sump volumes meet EPA, OSHA, NFPA and other regulations
- Help save liquids that are routinely lost during the dispensing process
- Protect workers safety by keeping the dispensing areas neat and clean
- Protect the floor and environment
- Durable, chemically resistant design
- For the safe storage of up to 6 Drums (55 gal)

Optional Accessory

Poly Dispensing Shelf

- Easily attaches to Drum Stackers
- Allows simultaneous dispensing from all Drums.
- A drain hole on the bottom diverts liquids into the Drum Racker's sump
- Well Liners available as an option



Order no. K22-0881-U0,
\$ 111.00

Well Liner

- Provides extra spill protection
- Makes clean-up fast and easy



Order no. M76-1493-U0,
\$ 74.00



Image shows a Drum Racker together with one Stacker and a Dispensing Shelf



Drum Racker for 1 Drum (55 gal),
Order no. K22-0880-U0



Image shows a Drum Racker together with two optional Stacker and a Dispensing Shelf



Drum Racker for 2 Drums (55 gal),
Order no. K22-0882-U0

Version	1 Drum Poly Dispensing Station	2 Drum Poly Dispensing Station
External Dimensions W x D x H [in]	53 x 31 x 33.25	49 x 53 x 23
Sump Capacity [gal]	66	102
Total Load Capacity [lbs]	1,600	3,000
Shipping Weight [lbs]	156	165
Order number	K22-0880-U0	K22-0882-U0
Price / Item(s)	\$ 347.00	\$ 591.00
Accessories	Poly Stacker, 1 Drum (55 gal)	Poly Stacker, 2 Drums (55 gal)
Order number	K22-0885-U0	K22-0887-U0
Price / Item(s)	\$ 270.00	\$ 257.00



SPCC
COMPLIANT



OSHA®



Stackable Drum Racks with Spill Sumps

Prevent spills by using containment sumps positioned beneath the drum rack. Components allow you to organize a wide variety of combinations to suit your exact needs.

- Each rack is easily lifted and relocated with a forklift
- Spill Containment Sumps are sized to comply with OSHA and EPA requirements
- These sumps catch drips and spills associated with dispensing, maintaining a neat, safe area
- All components are made of heavy gauge steel, galvanized to provide years of service with a rust-free appearance



\$ 997.00

Order no. K12-1110-U0

2-Drum Rack and 3 16-gallon Drum Rack with Containment Sump, Dispensing shelf sold separately



\$ 930.00

Order no. K12-1117-U0

2 each double stacked 1-Drum Racks and Containment Sump.
Dispensing shelf sold separately.



\$ 995.00

Order no. K12-1112-U0

2 each double stacked 2-Drum Racks and Containment Sump.
Dispensing shelf sold separately

Version	Appropriate Combinations with 1 Drum Rack		Appropriate Combinations with 2 Drum and 3 x 16-gallon Drum Rack		
	1 Drum Sump	1 Drum Rack	2 / 3 Drum Sump	3 x 16-gallon Drum Rack	2 Drum Rack
Storage Capacity	—	1 x 55-gallon Drum	—	2 x 55-gallon Drums	3 x 16-gallon Drums
External Dimensions W x D x H [in]	28 x 50 x 10	33 x 25 x 33	50 x 50 x 6	56 x 25 x 36	56 x 25 x 36
Sump Capacity [gal]	66	—	66	—	—
Stacking Capacity	—	2-High	—	2-High	2-High
Shipping Weight [lbs]	150	84	190	112	102
Order number	K12-1101-U0	K17-1904-U0	K12-1102-U0	K17-1906-U0	K17-1905-U0
Price / Item(s)	\$ 170.00	\$ 380.00	\$ 485.00	\$ 550.00	\$ 545.00

Stackable Drum Racks with Spill Pallets

Spill pallets are a great choice to contain spills & leaks. Drum Racking sits directly on pallet to make for easy dispensing & containment.

- Combination of Drum Spill Pallets with Transport Racks
- Racks comes as rigid frame construction including forklift pockets
- Racks can be stacked 2 high
- Drum Spill Pallet of heavy gauge steel for extended life
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Drum Spill Pallet complete with forklift pockets
- Compliant Sump volumes meet EPA, OSHA, NFPA and other regulations

Optional Accessory

Drum Rollers

- Drum Rollers ease positioning of 55-gallon drum and allow drain to be rotated to the top to prevent dripping or leaks



Order no. K17-1915-U0, \$ 275.00

Dispensing Shelf

- This removable metal dispensing shelf allows for easy dispensing from drums



Order no. K17-1909-U0, \$ 99.00



4 Drum Spill Pallet with a Transport Rack for three 16-gallon drums and a Transport Rack for two 55-gallon drums. (Dispensing Shelf not included)



8 Drum Spill Pallet with two Stackable Drum Racks for two 55-gallon drums. (Dispensing Shelf not included)



4 Drum Inline Spill Pallet with two Stackable Drum Racks for three 16-gallon drums

Version	Appropriate Combinations with 1 Drum Rack		Appropriate Combinations with 2 Drum and 3 x 16-gallon Drum Rack				
	2 Drum Pallet	1 Drum Rack	4 Drum Pallet	4 Drum Inline Pallet	8 Drum Pallet	2 Drum Rack	3 x 16-gallon Drum Rack
Storage Capacity	2 Drums	1 x 55-gallon Drum	4 Drums	4 Drums	8 Drums - w/ Grating	3 x 16-gallon Drums	2 x 55-gallon Drums
External Dimensions W x D x H [in]	54 x 34 x 14	33 x 25 x 33	54 x 50 x 10	107 x 34 x 10	107 x 50 x 10	56 x 25 x 36	56 x 25 x 36
Sump Capacity [gal]	66	—	66	66	132	—	—
Stacking Capacity	—	2-High	—	—	—	2-High	2-High
Shipping Weight [lbs]	205	84	270	380	482	102	112
Order number*	K17-3102-U0	K17-1904-U0	K17-3103-U0	K17-3104-U0	K17-3105-U0	K17-1905-U0	K17-1906-U0
Price / Item(s)	\$ 650.00	\$ 380.00	\$ 895.00	\$ 1,007.00	\$ 1,355.00	\$ 545.00	\$ 550.00

*All models are available with drains.



Drum Racks with Spill Sumps

Store and dispense 55-gallon drums in almost any combination with this 4 Drum Rack and Sump.

- Rack & Sumps can be combined in a multitude of configurations
- Beams are adjustable in 2 inch increments to suit your needs
- Spill Containment Sumps are sized to comply with OSHA and EPA requirements
- Racking components are selected for proper load capacities
- Sumps are galvanized to maintain a like-new appearance while resisting corrosion
- Rack components are powder coated enamel
- Horizontal/vertical drum configurations include galvanized grating for sump.
- SPCC Compliant
- Shipped knocked down and assembled in minutes

from \$ 1,645.00



Drum Rack for 3 drums horizontally and 3 vertically (Dispensing Shelf sold separately), Order no. K34-1109-U0

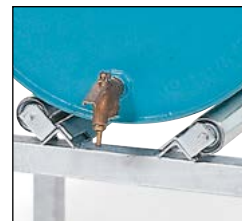


Drum Rack for 3 drums horizontally (Dispensing Shelf sold separately), Order no. K34-1101-U0

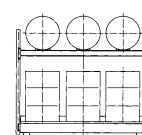
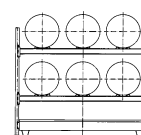
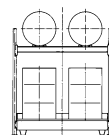
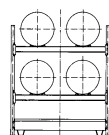
Optional Accessory

Drum Rollers

- Drum Rollers ease positioning of 55-gallon drum and allow drain to be rotated to the top to prevent dripping or leaks



Order no. K17-1915-U0, \$ 275.00



	4 Drum - Horizontal	2 Drum - Horizontal / 4 Drum Vertical	6 Drum - Horizontal	3 Drum - Horizontal / 6 Drum Vertical
Version*	—	with grating	—	with grating
Rack Dimensions W x D x H [in]	66 x 36 x 96	66 x 36 x 96	102 x 36 x 96	102 x 36 x 96
Sump Dimensions W x D [in]	60 x 50	60 x 50	96 x 50	96 x 50
Sump Capacity [gal]	66	66	82	82
Load Capacity per Tier [lbs]	2,200	2,200	2,200	2,200
Shipping Weight [lbs]	555	373	710	554
Order number	K34-1101-U0	K34-1103-U0	K34-1107-U0	K34-1109-U0
Price / Item(s)	\$ 1,645.00	\$ 1,780.00	\$ 2,069.00	\$ 2,420.00

*All models are available with drains.



Just give us a call. We would be pleased to provide you with advice!

» Expert advice: 800-216-7776

\$ 2,277.00

Order no. K34-1113-U0

\$ 2,745.00

Order no. K34-1117-U0

Drum Rack for 4 drums horizontally and 4 vertically (Dispensing Shelf sold separately), Order no. K34-1113-U0

Optional Accessory

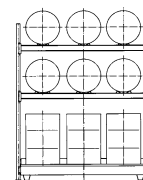
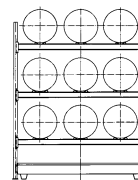
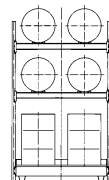
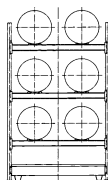
Dispensing Shelf

- This removable metal dispensing shelf allows for easy dispensing from drums



Order no. K17-1909-U0, \$ 99.00

Drum Rack for 9 drums horizontally (Dispensing Shelf sold separately), Order no. K34-1117-U0



	6 Drum - Horizontal	4 Drum - Horizontal / 4 Drum Vertical	9 Drum - Horizontal	6 Drum - Horizontal / 6 Drum Vertical
Version*	—	with grating	—	with grating
Rack Dimensions W x D x H [in]	66 x 36 x 96	66 x 36 x 96	102 x 36 x 96	102 x 36 x 96
Sump Dimensions W x D [in]	60 x 50	60 x 50	96 x 50	96 x 50
Sump Capacity [gal]	66	66	82	82
Load Capacity per Tier [lbs]	2,200	2,200	2,200	2,200
Shipping Weight [lbs]	344	407	713	614
Order number	K34-1111-U0	K34-1113-U0	K34-1117-U0	K34-1119-U0
Price / Item(s)	\$ 2,245.00	\$ 2,277.00	\$ 2,745.00	\$ 3,021.00

*All models are available with drains.



HazMat Rack & Sump Combination For Storing Drums - Horizontally & Vertically

Bring your chemical storage area into spill compliance while improving handling efficiency and safety. DENIOS combines its Spill Pallet expertise with sturdy pallet racking to create a versatile storage system.



Store up to 8 drums horizontally on this HazMat Rack & Sump Combination while using the standardized drum supports



HazMat Rack & Sump Combination for storing up to 16 Drums

Optional Accessory

Dispensing Shelf

- This removable metal dispensing shelf allows for easy dispensing from drums



Order no. K17-1909-U0, \$ 99.00

Optional Accessory

Corner Protectors

- For additional safety add Corner Protectors
- External Dimensions W x D x H (in):
7 x 7 x 15.8



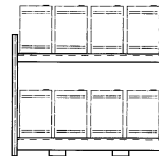
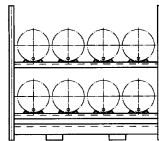
Order no. K34-3901-U0, \$ 104.00

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded, all steel construction for extended life
- SPCC Compliant
- Components matched for required loads and volumes
- Organize your storage with efficient 2-tier drum storage in any combination to suit your material demand

- Rack components are powder coated
- Racks equipped with Pallet Stops and Galvanized Splash Guards (vertically storage)
- Store up to 16 drums on this HazMat Rack & Sump Combination
- Each bay sized to accommodate 2 wooden pallets (holding 4 drums each) on galvanized grating or 4 drums horizontally on specialized supports



A Rack for horizontal storage can be attached to/combined with a Rack for vertical storage. Contact factory for details.



Description*	8 Drum - Horizontal	16 Drum - Vertical
Number of Storage Tiers	2	2
External Dimensions W x D x H [in]	126 x 54 x 120	126 x 54 x 120
Load Capacity Upper Rack [lbs]	3,000	7,500
Load Capacity Spill Sump [lbs]	3,000	7,500
Sump Capacity [gal]	159	159
Shipping Weight [lbs]	1,050	1,410
Order number	K34-4608-U0	K34-4602-U0
Price / Item(s)	\$ 4,177.00	\$ 3,755.00

*All models are available with drains.

IBC Tote Spill Containment Pallets

See page
10





HazMat Rack & Sump Combination for Storing IBC Totes

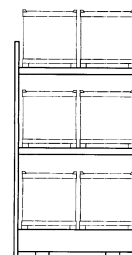
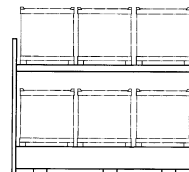
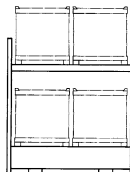
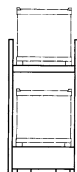
Bring your chemical storage area into spill compliance while improving handling efficiency and safety. DENIOS combines its Spill Pallet expertise with sturdy pallet racking to create a versatile storage system.



Rack & Containment Sump Combination
for 2 x 1 IBC Totes



Rack & Containment Sump Combination
for 2 x 3 IBC Totes



Description*	2 IBC Tote Rack	4 IBC Tote Rack	6 IBC Tote Rack	6 IBC Tote Rack
Number of Storage Tiers	2	2	2	3
External Dimensions W x D x H [in]	66 x 55 x 144	126 x 55 x 120	180 x 55 x 120	126 x 55 x 192
Load Capacity Upper Rack [lbs]	5,000	10,000	15,000	10,000
Load Capacity Spill Sump [lbs]	5,000	10,000	15,000	10,000
Sump Capacity [gal]	385	385	615	385
Shipping Weight [lbs]	1,200	1,560	2,500	2,300
Order number	K34-4609-U0	K34-4610-U0	K34-4615-U0	K34-4710-U0
Price / Item(s)	\$ 3,675.00	\$ 4,275.00	\$ 5,750.00	\$ 5,245.00

*All models are available with drains.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded, all steel construction for extended life
- SPCC Compliant
- Components matched for required loads and volumes
- Organize your storage with efficient 2-tier drum storage in any combination to suit your material demand

- Rack components are powder coated
- Our IBC Racking with Spill Sump provides additional storage without consuming valuable floor space
- Keep containers stacked in one compact area, ready for immediate use
- Corner protectors for rack uprights are available as an option



Rack & Containment Sump Combination for 2 x 2 IBC Totes

Optional Accessory

Corner Protectors

- For additional safety add Corner Protectors
- External Dimensions W x D x H (in): 7 x 7 x 15.8

Order no. K34-3901-U0,
\$ 104.00



Rack & Containment Sump Combination for 3 x 2 IBC Totes



Go online! Discover even more exciting product highlights!

» www.denios-us.com/shop



Floor Sumps for Pallet Racks

DENIOS Sumps provide Spill Containment beneath your existing Racks. Simply raise the lower tier level to accommodate the sump height, slide the sumps into place.

- Compliant Sump volumes meet EPA, OSHA, NFPA, and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Sumps are constructed of heavy gauge galvanized steel for extended durability
- Solidly welded, all steel construction for extended life
- Standard sump models accommodate all rack depths up to 48 inches

from \$ 685.00



Spill Containment Sump for Racks, Width 54 inches,
Order no. K34-3916-U0



Spill Containment Sump for Racks, Width 54 inches,
Order no. K34-3916-U0



Spill Containment Sump for Racks, Width 96 inches,
Order no. K34-3919-U0



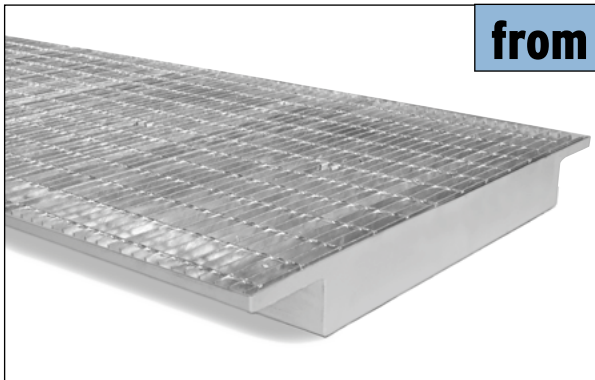
Spill Containment Sump for Racks, Width 108 inches,
Order no. K34-3913-U0

Bay Dimension Width [in]	54	96	108
External Dimensions W x D x H [in]	53 x 50 x 10	95 x 50 x 8	107 x 50 x 8
Sump Capacity [gal]	68	82	90
Shipping Weight [lbs]	183	278	300
Order number*	K34-3916-U0	K34-3919-U0	K34-3913-U0
Price / Item(s)	\$ 685.00	\$ 975.00	\$ 997.00

*All models are available with drains.

Sump Inserts for Pallet Racks

- Pallet Rack Sump Inserts consist of a spill containment sump and easily removable galvanized steel grating
- Made to fit exact pallet rack specifications
- Sump Inserts provide economical retrofits
- Sump of heavy duty, corrosion resistant galvanized steel
- Sump welds are 100% inspected with a low-viscous test to insure leaktightness
- Compliant Sump volumes meet EPA, OSHA, NFPA and other regulations

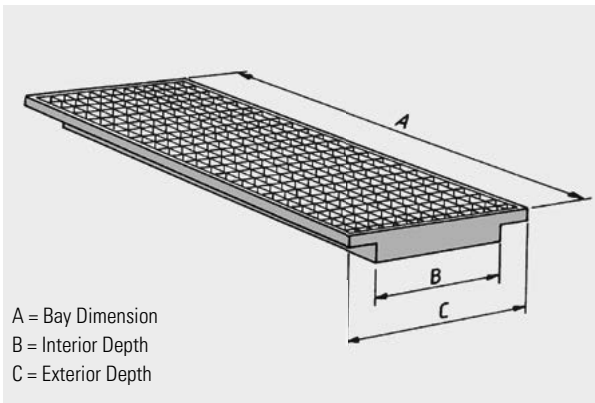


This space-saving Sump Insert mounts directly between the cross beams

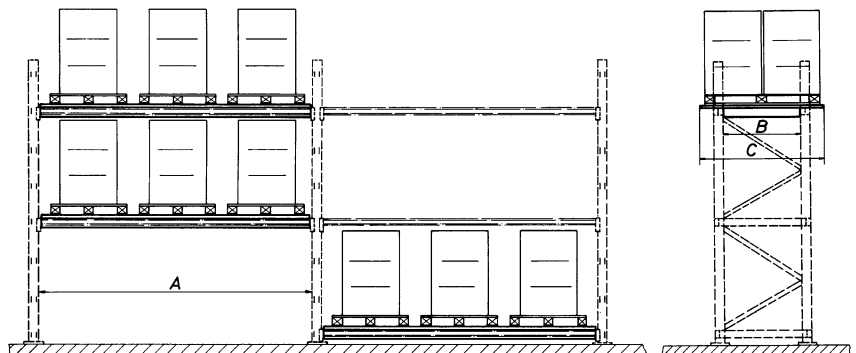
from \$ 1,245.00



Sump Inserts for Pre-Existing Racks,
Order no. K38-1150-U0



A = Bay Dimension
B = Interior Depth
C = Exterior Depth



Bay Dimension Width [in]	96	96	108	108
Exterior Depth [in]	36	42	36	42
Internal Depth [in]	29	36	29	39
Height [in]	42	50	42	50
Total Load Capacity [lbs]	250	250	250	250
Sump Capacity [gal]	58	70	65	79
Shipping Weight [lbs]	335	387	392	452
Order number	K38-1140-U0	K38-1160-U0	K38-1150-U0	K38-1170-U0
Price / Item(s)	\$ 1,245.00	\$ 1,397.00	\$ 1,475.00	\$ 1,525.00

Media Resistance List

Corrosion resistance of the materials used to make the spill pallet and their compatibility with the substances stored must be demonstrated. For many chemical substances steel spill pallets (1.0038) may be used. For corrosive substances (acids / alkalis) in particular, the use of plastic (polyethylene) spill pallets is often required. High levels of protection, especially against many aggressive liquids, is offered by stainless steel. If no information is given in the resistance lists, the material of the spill pallet may be the same material as the transport container.

Chemical stored	Concentration	Painted Steel ^{1), 4)}	Stainless Steel ²⁾	Poly ³⁾
Acetaldehyde	≤ 40%		•	
Acetaldehyde	max. poss		•	
Acetic acid			•	
Acetone		•	•	
Adhesives		•	•	
Aircraft turbine fuel		•	•	
Alcohol		•	•	
Ammonium hydroxide	≤ 30%		•	•
Ammonium nitrate	saturated		•	•
Ammonium solution			•	
Anti-freeze (car)			•	•
Battery acid	≤ 38%		•	•
Benzene		•	•	
Benzoic acid			•	•
Bio-Diesel		•	•	
Boric acid	≤ 10%		•	•
Brake fluid		•	•	•
Bromine		•	•	
Butanoic acid			•	
Butanol	max. poss.	•	•	
Calcium acetate	aqueous		•	•
Calcium chlorate, aqueous solution	≤ 65%	•	•	
Calcium hydroxide			•	•
Calcium hypochlorite	saturated		•	•
Chlorobenzene		•	•	
Chloric acid	≤ 20%		•	•
Chlorine	≤ 97%		•	
Chloroacetic acid	≤ 50%		•	•
Chromic acid	≤ 20%		•	•
Citric acid	≤ 10%		•	•
Crude oil		•	•	
Dichlorethylene	max. poss.		•	
Dichlormethane		•	•	
Diesel fuel		•	•	
Ether		•	•	
Ethyl acetate		•	•	
Ethyl chloride		•	•	
Ethylene glycol			•	
Ferric (II) sulphate	saturated		•	•
Ferric (III) chloride	saturated		•	•
Ferric (III) sulphate	saturated		•	•
Formic acid			•	
Fuel		•	•	
Gearbox oil, (Hypoid), 110°C		•	•	
Glycerol			•	•
Glycolic acid	≤ 37%		•	
Glycolic acid	≤ 70%		•	
Heated steam motor oil, odour free		•	•	•
Heating oil		•	•	
Hydrazine	≤ 10%		•	
Hydrazine hydrate	aqueous		•	•
Hydrochloric acid	concentrated		•	
Hydrogen cyanide			•	•
Hydrogen peroxide	≤ 60%		•	•
Isobutanol		•	•	
Isobutyl acetate		•	•	
Isobutyl chloride		•	•	
Isobutyl ether		•	•	

1) Painted (WN 1.0038) or galvanized (1.0242) steel

2) Stainless steel 1.4301 (V2A)

3) Polyethylene (PE)

Chemical stored	Concentration	Painted Steel ^{1), 4)}	Stainless Steel ²⁾	Poly ³⁾
Iso-hexane		•	•	
Iso-pentane		•	•	
Isopropyl alcohol (Isopropanol)		•	•	
Kerosene		•	•	
Magnesium carbonate	saturated		•	•
Magnesium chloride	aqueous		•	•
Magnesium nitrate	saturated		•	•
Magnesium sulphate			•	•
Menthol	solid		•	
Methanol		•	•	
Methyl acetat		•	•	
Methyl acrylate			•	
Methyl alcohol			•	
Methyl chloride		•	•	
Motor fuel		•	•	
Nitric acid	≤ 10%		•	•
Nitrobenzene		•	•	
Nitro methane		•	•	
Oil		•	•	•
Oleic acid	max. poss.		•	•
Pentanol		•	•	
Petroleum	max. poss.		•	•
Petroleum spirit		•	•	
Phenol	100%	•	•	
Phosphoric acid	≤ 5%		•	•
Potassium carbonate			•	•
Potassium chlorate			•	
Potassium chloride	aqueous		•	•
Potassium chloride	≤ saturated sol.		•	•
Potassium hydroxide, aqueous sol.	50%	•	•	•
Potassium nitrate	50%		•	•
Potassium nitrate	≤ saturated sol.		•	•
Potassium phosphate	≤ saturated sol.		•	•
Potassium sulphate	≤ saturated sol.		•	•
Propanol		•	•	
Propionic acid			•	•
Salicylic acid	saturated		•	•
Silicic acid			•	•
Sodium acetate			•	•
Sodium bisulphate			•	•
Sodium bisulphite	aqueous		•	•
Sodium carbonate			•	•
Sodium chloride			•	•
Sodium hydrogen sulphate	≤ saturated sol.		•	•
Sodium hydrogen sulphide, aqu. sol.	30%	•	•	
Sodium hydrogen sulphite	≤ saturated sol.		•	•
Sodium hydroxide, aqueous sol.	50%	•	•	•
Sodium hypochlorite solution	≤ saturated sol.		•	
Sodium sulphate			•	•
Sodium sulphide	≤ saturated sol.		•	•
Spirits of turpentine		•	•	
Sulphuric acid	≤ 78%		•	•
Sulphuric acid	95%		•	•
Sulphurous acid	saturated		•	•
Toluene		•	•	
Urea			•	•
Uric acid			•	•
Xylene		•	•	

4) Galvanized sump pallets are not suitable for the storage of the following liquids: organic and inorganic acids, sodium bicarbonate, caustic potassium carbonate solution as well as other alkali hydroxides, chlorinated hydrocarbons, amine, nitro compounds, acid chlorides and other chlorides, phenol, aqueous alkaline solutions, nitrile.

Large Volume Dispensing Platforms

Designed to contain large volume spills from dispensing or pumping operations as well as storage applications.

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Constructed using premium heavy gauge quality steel
- Single unit construction provides large uniform storage platform
- Large sump volumes allow for compliant spill containment even when
 - storing multiple tanks, IBC's or stacked drums
 - High load capacity of 225 psf allow placement of heavy equipment or tanks
 - Sumps are coated with chemical resistant mastic epoxy
 - Choose from sizes up to 106 square feet with spill containment volumes to 430 gallons



13' x 9' Platform, Order no. K42-5040-U0



10' x 7' Platform, Order no. K42-5020-U0



7' x 3' Platform, Order no. K42-5010-U0

Description	7' x 3'	10' x 7'	16' x 7'	13' x 9'
External Dimensions W x D x H [in]	87 x 41 x 9	120 x 88 x 9	197 x 88 x 9	157 x 110 x 9
Approx. Floor Space [sqft]	22	69	114	115
Sump Capacity [gal]	66	246	422	430
Floor Load Capacity [psf]	225	225	225	225
Shipping Weight [lbs]	365	961	1,863	1,898
Order number	K42-5010-U0	K42-5020-U0	K42-5030-U0	K42-5040-U0
Price / Item(s)	\$ 1,977.00	\$ 2,897.00	\$ 4,877.00	\$ 5,097.00

IBC Tote Spill Containment Pallets

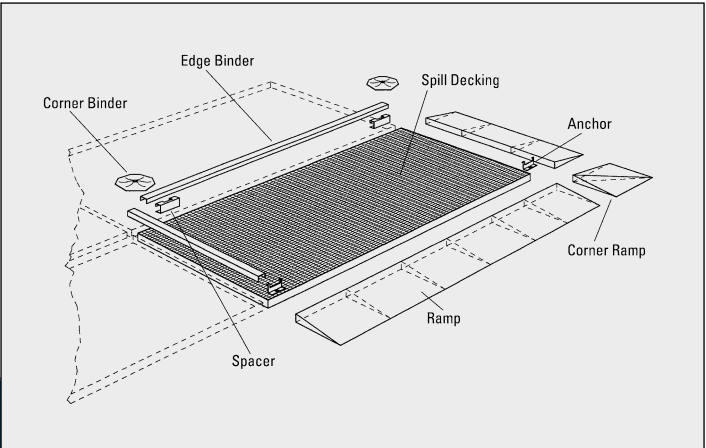
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Spill Deckings - 2" Height

2" Spill Decking provides spill containment for smaller volumes in areas where mixing, dispensing or pumping operations lead to frequent drips and spills



Call us with your dimensions for a complete proposal including all necessary joining components

from \$ 875.00



Spill Decks can be joined together to form leak-free dispensing stations.

Version	4' x 5'	5' x 5'	4' x 6'	5' x 6'
External Dimensions W x D x H [in]	49 x 61 x 2	61 x 61 x 2	49 x 73 x 2	61 x 73 x 2
Sump Capacity [gal]	24	30	29	36
Floor Load Capacity [psf]	350	350	350	350
Shipping Weight [lbs]	343	341	342	392
Order number	K42-1101-U0	K42-1102-U0	K42-1105-U0	K42-1106-U0
Price / Item(s)	\$ 875.00	\$ 1,075.00	\$ 1,099.00	\$ 1,297.00

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Heavy gauge galvanized steel far outlasts plastic decks
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded, all steel construction for extended life
- Simplifies maintenance and facility cleanup
- Keeps spills from aisle or walkways
- Flexible design accommodates any area
- Easily relocated
- Easy to install



Spill Decks can be joined together to create a large protected area.

Ramps for Spill Deckings 2"

- Ramps allow for effortless material handling on and off decks
- Simplifies maintenance and facility cleanup
- Heavy gauge galvanized steel far outlasts plastic decks

from \$ 397.00



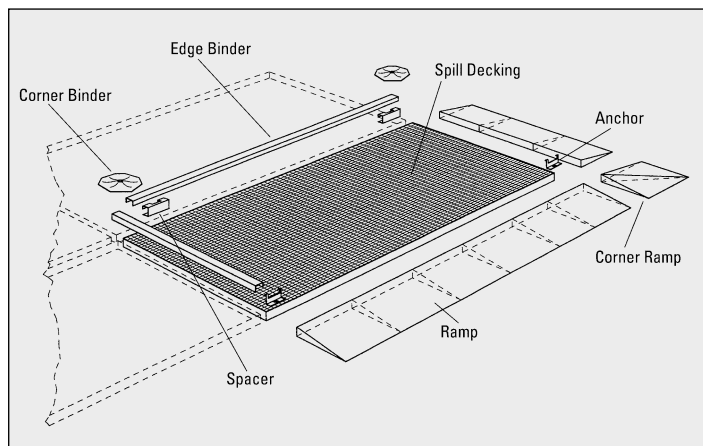
Version	4' Ramp	5' Ramp	6' Ramp	Corner Ramp
External Dimensions W x D x H [in]	48 x 18 x 2	60 x 18 x 2	72 x 18 x 2	18 x 18 x 2
Shipping Weight [lbs]	49	60	72	23
Order number	K42-1911-U0	K42-1912-U0	K42-1913-U0	K42-1924-U0
Price / Item(s)	\$ 397.00	\$ 495.00	\$ 697.00	\$ 97.00



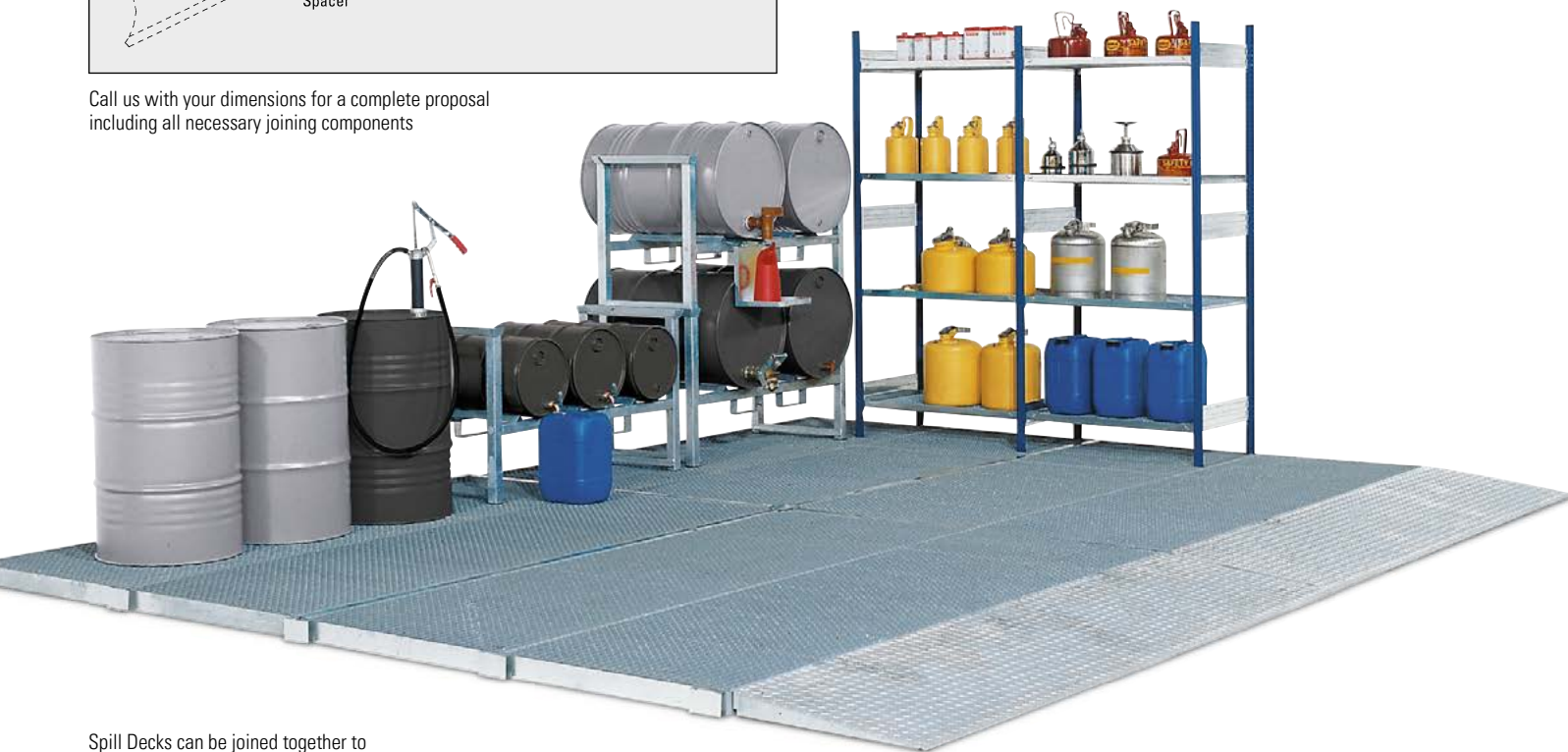
Custom sizes available. For a complete proposal, call with dimensions and weight-load requirements. Each multiple section order shipped with easy to follow installation instructions including layout sketch.

Spill Decking - 5" Height

Exclusive 5" decking provides secure spill containment and leak barrier for larger volume dispensing.



Call us with your dimensions for a complete proposal including all necessary joining components



Spill Decks can be joined together to form leak-free dispensing stations.

Version	4' x 5'	4' x 6'	5' x 5'	5' x 6'
External Dimensions W x D x H [in]	49 x 61 x 5	49 x 73 x 5	61 x 61 x 5	61 x 73 x 5
Sump Capacity [gal]	66	74	77	93
Floor Load Capacity [psf]	350	350	350	350
Shipping Weight [lbs]	380	413	445	498
Wheel Pressure 990 lbs				
Order number	K42-1151-U0	K42-1155-U0	K42-1152-U0	K42-1156-U0
Price / Item(s)	\$ 1,145.00	\$ 1,275.00	\$ 1,295.00	\$ 1,495.00
Wheel Pressure 4,400 lbs				
Order number	K42-1171-U0	K42-1175-U0	K42-1172-U0	K42-1176-U0
Price / Item(s)	\$ 1,597.00	\$ 1,875.00	\$ 1,897.00	\$ 2,375.00



- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Heavy gauge galvanized steel far outlasts plastic decks
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Solidly welded, all steel construction for extended life
- Simplifies maintenance and facility cleanup
- Keeps spills from aisle or walkways
- Flexible design accommodates any area
- Easily relocated
- Easy to install



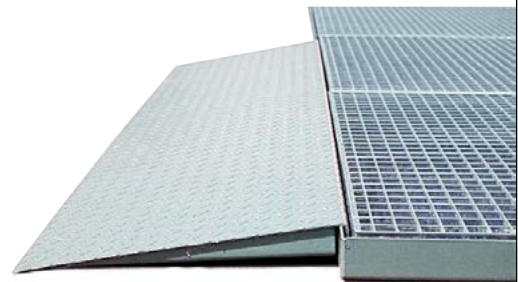
Spill Deckings with a wheel pressure of 4,400 lbs can be used together with Forklift

Ramps for Spill Deckings 5"

- Ramps allow for effortless material handling on and off decks
- Simplifies maintenance and facility cleanup
- Heavy gauge galvanized steel far outlasts plastic decks

Version	4 feet	5 feet	6 feet	Corner Ramp
External Dimensions W x D x H [in]	48 x 25 x 5	60 x 25 x 5	72 x 25 x 5	25 x 25 x 5
Shipping Weight	134 lbs	104 lbs	123 lbs	68 lbs
Order number	K42-1915-U0	K42-1916-U0	K42-1917-U0	K42-1927-U0
Price / Item(s)	\$ 465.00	\$ 645.00	\$ 755.00	\$ 197.00

from \$ 465.00



Ramps provided in lengths matching standard spill decking dimensions.



Containment Shelvings

Containment shelving is designed for storing small containers. Shelving is recessed for collecting drips and spills. These systems are perfect for any location where reactive or corrosive chemicals are stored: lab, storeroom, factory, or office.

- Shelving provides physical separation of materials
- Made of durable galvanized steel
- Recess depth 1.5"
- Steel uprights are coated with a corrosion resistant coating
- Quick & easy assembly
- Top shelf is affixed and offers no containment
- Shipped economically in a „knock-down“ form

\$ 1,497.00

Order no. K32-1104-U0

18" Containment Shelving with Section Adder



\$ 1,355.00

Order no. K32-1106-U0

24" Containment Shelving with Section Adder



\$ 1,040.00

Order no. K32-8001-U0

24" Containment Shelving with Poly Shelf Liners



\$ 697.00

Order no. K32-1103-U0

18" Containment Shelving.

Model	18" Shelving	18" Shelving Section Adder	24" Shelving	24" Shelving Section Adder
External Dimensions W x D x H [in]	36 x 18 x 84	36 x 18 x 84	36 x 24 x 84	36 x 24 x 84
No. Of Shelves	4	4	4	4
Load Capacity per Bay [lbs]	200	200	250	250
Shipping Weight [lbs]	260	235	307	251
Order number	K32-1103-U0	K32-1108-U0	K32-1105-U0	K32-1107-U0
Price / Item(s)	\$ 697.00	\$ 575.00	\$ 787.00	\$ 685.00
Accessories	Extra Shelf			
Order number	K32-1109-U0	K32-1109-U0	K32-1110-U0	K32-1110-U0
Price / Item(s)	\$ 150.00	\$ 150.00	\$ 185.00	\$ 185.00

Containment Shelvings with Sump Base

Perfect for dispensing small containers. Containment Shelving features a Sump Base to collect larger volume leaks and spills than other conventional shelving. Choose from grated or solid shelves. The sump is ideal for collecting excess spilled materials, and clean up is easy.

- Sump of heavy duty steel construction
- Steel uprights are coated with a corrosion resistant coating
- Top shelf is affixed and offers no containment
- Shipped economically in a "knock-down" form
- Quick & easy assembly

Optional Accessory

Poly Shelf Liner to be placed in shelves when storing acids and corrosives.



Poly Shelf Liner, 36" L x 18" D, Order no. K32-1901-U0, \$ 43.00

Poly Shelf Liner, 36" L x 24" D, Order no. K32-1903-U0, \$ 51.00

\$ 2,055.00

Order no. K32-1140-U0



Containment Shelving with Solid Steel Shelves and a Galvanized Sump Base



\$ 1,755.00

Order no. K32-3137-U0

Containment Shelving with Grated Shelves and a Painted Sump Base



\$ 1,210.00

Order no. K32-1139-U0

Containment Shelving with Solid Steel Shelves and a Galvanized Sump Base



\$ 985.00

Order no. K32-1135-U0

Containment Shelving with Grated Shelves and a Galvanized Sump Base

Model	36" x 24" Grated Shelving	72" x 24" Grated Shelving	36" x 24" Solid Shelving	72" x 24" Solid Shelving
External Dimensions (vent hoods included) W x D x H [in]	36 x 24 x 88	72 x 24 x 88	36 x 24 x 88	72 x 24 x 88
No. Of Shelves	4	4	4	4
Load Capacity per Bay [lbs]	250	250	250	250
Shipping Weight [lbs]	456	842	456	842
Order number Painted Sump	K32-3135-U0	K32-3137-U0	K32-3139-U0	K32-3140-U0
Price / Item(s)	\$ 949.00	\$ 1,755.00	\$ 1,145.00	\$ 1,997.00
Order number Galvanized Sump	K32-1135-U0	K32-1137-U0	K32-1139-U0	K32-1140-U0
Price / Item(s)	\$ 985.00	\$ 1,810.00	\$ 1,210.00	\$ 2,055.00



SPCC
COMPLIANT



OSHA®



Caged Shelving - Single and Double

- Provides security and spill containment for small volume containers plus the advantage of providing an unobstructed view of stored materials
- Restrict access to sensitive materials with all-steel caging
- Doors are pad-lockable for extra security
- Shelves are adjustable in 1.5 inch increments
- 36x24 inch heavy-duty shelf pans rated for 250 pounds each
- Galvanized shelves resist corrosion
- 1.5 inch recess collects small drips and spills and prevents shelf contents from being pushed off the shelf
- Bottom storage section does not offer spill protection
- Shipped fully assembled, ready for immediate use

from \$ 2,375.00

Caged Shelving - Single



Just give us a call. We would be pleased to provide you with advice!

» Expert advice: 800-216-7776



Caged Shelving - Double

	Caged Shelving - Single	Caged Shelving - Double
External Dimensions W x D x H [in]	38 x 24 x 87	74 x 24 x 87
No. Of Shelves	4	8
Load Capacity per Bay [lbs]	250	250
Shipping Weight [lbs]	533	812
Order number	K32-3517-U0	K32-3527-U0
Price / Item(s)	\$ 2,375.00	\$ 2,725.00

Safety Cabinets



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Steel Spill Trays

Small leaks can be a big problem. DENIOS has created a solution to keep those drips and spills contained.

- Prevent spills from reaching drains or damaging floors
- Use spill trays as storage for liquids on workbenches, laboratory counters, or on existing storage shelves for added spill protection
- Heavy gauge galvanized steel trays and sumps are 100% tested to ensure leak-proof construction
- Optional sizes are available. Call for details



**Galvanized steel is safe to use with fuels, alcohol and other flammables.
Use Stainless Steel for safe storage of acids, caustics and other aggressive liquids.**



Use Spill Trays as storage for liquids on workbenches, laboratory counters, or on existing storage shelves for added spill protection.



Spill Tray, galvanized,
Order no. K31-1140-U0

from \$ 165.00



Spill Tray, galvanized,
Order no. K31-1135-U0



Spill Tray, Stainless Steel,
Order no. K31-2037-U0

External Dimensions W x D x H [in]	36 x 18 x 1.5	36 x 18 x 3	36 x 24 x 3	48 x 18 x 3	72 x 18 x 1.5
Sump Capacity [gal]	4	8	11	11	8
Shipping Weight [lbs]	30	36	48	45	57
Order number Galvanized Steel	K31-1105-U0	K31-1110-U0	K31-1115-U0	K31-1120-U0	K31-1130-U0
Price / Item(s)	\$ 163.00	\$ 165.00	\$ 177.00	\$ 207.00	\$ 288.00
Order number Stainless Steel	K31-2005-U0	K31-2010-U0	K31-2015-U0	K31-2020-U0	K31-2030-U0
Price / Item(s)	\$ 769.00	\$ 813.00	\$ 823.00	\$ 982.00	\$ 1,357.00

External Dimensions W x D x H [in]	24 x 18 x 6	36 x 18 x 6	36 x 24 x 6	48 x 18 x 6	60 x 18 x 6	60 x 24 x 6
Sump Capacity [gal]	11	16	22	22	28	37
Shipping Weight [lbs]	48	72	96	96	120	160
Order number Galvanized Steel	K31-1135-U0	K31-1136-U0	K31-1137-U0	K31-1138-U0	K31-1139-U0	K31-1140-U0
Price / Item(s)	\$ 182.00	\$ 201.00	\$ 251.00	\$ 245.00	\$ 267.00	\$ 289.00
Order number Stainless Steel	K31-2035-U0	K31-2036-U0	K31-2037-U0	K31-2038-U0	K31-2039-U0	K31-2040-U0
Price / Item(s)	\$ 872.00	\$ 1,008.00	\$ 1,171.00	\$ 1,335.00	\$ 1,335.00	\$ 1,445.00



Pro-Line Poly Spill Trays

DENIOS High Quality Spill Trays - Ideal for use next to the working area. Store hazardous substances legally directly where they need to be used compliantly.

- Safe Storage of Oils, Coolants, Acid, Caustics and other aggressive liquids
- Modern Design combined with high functionality and safety
- Heavy-duty polyethylene construction
- Chemically resistant and fully corrosion proof
- Compliant with EPA, and OSHA requirements
- Completely sealed, seamlessly processed, 100% liquid-tight
- Easy to clean
- Choose between Spill Trays in 4 different sizes and without grating or with removable poly grating
- Spill Trays and gratings can be stacked inside each other for storage and transport
- Order Spill Tray with grating to elevate containers from spilled liquid



Easy to clean due to removable gratings



All models with grating comes with a warning red leak indicator



from \$ 35.00

Pro-Line Poly Spill Tray, Order no. K32-1928-U0



Pro-Line Poly Spill Tray,
Order no. K32-1914-U0



Pro-Line Poly Spill Tray,
Order no. K32-1918-U0



Pro-Line Poly Spill Tray,
Order no. K32-1924-U0

Sump Capacity [gal]	5.3		7.9		10.6		21.2	
External Dimensions W x D x H [in]	15.8 x 15.8 x 7.1		23.3 x 15.8 x 7.1		30.9 x 15.8 x 7.1		30.9 x 30.9 x 7.1	
Version	without grating	with grating & leak indicator	without grating	with grating & leak indicator	without grating	with grating & leak indicator	without grating	with grating & leak indicator
Shipping Weight [lbs]	6.0	8.3	7.7	11.0	9.7	14.1	14.9	23.3
Order number	K32-1914-U0	K32-1922-U0	K32-1916-U0	K32-1924-U0	K32-1918-U0	K32-1926-U0	K32-1920-U0	K32-1928-U0
Price / Item(s)	\$ 35.00	\$ 52.00	\$ 42.00	\$ 70.00	\$ 50.00	\$ 82.00	\$ 69.00	\$ 131.00

Poly Drum Trays

DENIOS high quality, durable Poly Drum Trays

- Keeps floors free of spills
- Designed to collect and contain drips and overflows associated with filling of 55 and 30 gallon drums
- Optional bottom grate elevates drums 2 5/8" and out of spilled liquid
- Meets EPA Container Storage Regulations for 20 gallon or smaller containers with bottom grate in place

	w/o Grating	w/ Grating
External Dimensions Dia x H [in]	37.5 x 9	37.5 x 9
Sump Capacity [gal]	20	20
Shipping Weight [lbs]	19	26
Order number	K22-1103-U0	K22-1101-U0
Price / Item(s)	\$ 90.00	\$ 136.00



Poly Spill Trays

DENIOS high quality, durable Poly Spill Trays

- Low profile sump is perfect for containment of 5-gallon pails, batteries, safety cans, and leaky machine parts
- Order trays with grating to elevate containers from spilled liquid
- Meets EPA Container Storage Regulations for small packages with grating in place

Low profile tray with poly grate accommodates larger containers for dispensing

	Lab Trays w/o Grating	Low Profile w/o Grating	Low Profile w/ Grating
External Dimensions W x D x H [in]	25 x 22 x 3	55 x 30 x 5	55 x 30 x 5
Sump Capacity [gal]	3	17	14
Shipping Weight [lbs]	4	20	39
Order number Yellow	K22-0905-U0	K22-0912-U0	K22-0910-U0
Price / Item(s)	\$ 65.00	\$ 158.00	\$ 235.00
Order number Black	—	K22-0911-U0	K22-0909-U0
Price / Item(s)	—	\$ 130.00	\$ 221.00



Heavy Duty Poly Spill Trays

DENIOS high quality, durable Poly Spill Trays

- Heavy-duty polyethylene construction - great for holding acids and corrosives
- Ribbed bottom keeps cans, pails and other containers above small spills or leaks
- Nestable for easy storage

Internal Dimensions W x D x H [in]	48 x 12 x 4.5	48 x 24 x 4.5	48 x 30 x 4.5
Sump Capacity [gal]	12	24	30
Shipping Weight [lbs]	8	13	16
Order number	K32-1911-U0	K32-1913-U0	K32-1915-U0
Price / Item(s)	\$ 60.00	\$ 75.00	\$ 110.00

Internal Dimensions W x D x H [in]	36 x 24 x 4.5	36 x 36 x 4.5	48 x 44 x 3.5
Sump Capacity [gal]	18	27	30
Shipping Weight [lbs]	10	10	18
Order number	K32-1917-U0	K32-1919-U0	K32-1921-U0
Price / Item(s)	\$ 72.00	\$ 96.00	\$ 140.00





Duck Ponds

Small enough to fit in a cabinet or store on a shelf, a Duck Pond can hold various drum sizes with ease and affordability. Providing both reliable and reusable secondary containment for oils, fluids, and gasolines; ponds are easy to maneuver and can withstand extreme cold temperatures to -55°F/-48°C. Great for indoor and outdoor applications. Duck Ponds 100% are leak tested.

- Quick response to leaking machines/vehicles.
- Spill/leak protection while changing oils/fluids.
- Protecting bottom surfaces while dispensing
- Performing maintenance on any item that has a spill potential
- 4" Foam sidewalls can handle vehicle traffic
- Features handles and tie-down straps so that it can be secured to your truck with little effort and placed underneath to catch incidental spills when you are not in motion
- Protects the ground while dispensing liquids



Duck Pond 24 x 24 x 4 in., with handles



Description*	External Dimensions W x D x H [in]	Order number	Price / Item(s)
Duck Pond	24 x 24 x 4	M76-1428-U0	\$ 149.00
	36 x 24 x 4	M76-1430-U0	\$ 183.00
	48 x 24 x 4	M76-1432-U0	\$ 187.00
	36 x 36 x 4	M76-1434-U0	\$ 205.00

*More sizes available online

Folding Duck Ponds

It features 6" foam sidewalls that accordion fold to easily fit in the cab of a truck or another storage compartment. When needed, this flexible containment sump is easily deployed to prevent disasters from surprise leaks. This is the perfect product to place under valves when pumping liquid from one tank to another.



Folding Duck Ponds, available from 2 x 2 ft. up to 6 x 5 ft.

- Complies with EPA, SPCC and NPDES regulations
- When needed, this flexible containment sump is easily deployed to prevent disasters from surprise leaks
- Industrial fabric can handle extreme temperatures
- Multiple/custom sizes available



Flexible to fit different applications



Conveniently folds saving shipping and storage space

Description*	External Dimensions W x D x H [in]	Order number	Price / Item(s)
Folding Duck Pond	24 x 24 x 6	M76-1429-U0	\$ 179.00
	36 x 24 x 6	M76-1431-U0	\$ 196.00
	48 x 24 x 6	M76-1433-U0	\$ 215.00
	36 x 36 x 6	M76-1435-U0	\$ 242.00

*More sizes available online

Dripillow Berms

- Dripillow Berms are engineered to be the ideal portable, outdoor drip and leak protection
- Absorbents sewn in UV resistant mesh for protection from the elements
- These pads are placed inside a tough, industrial fabric shell to prevent excessive spills from reaching the ground
- Replacement absorbent pads available
- Sold 5 per box



Dripillow Berms, sold 5 per box

	Small	Medium	Large	X-Large
External Dimensions W x D [in]	22 x 22	36 x 24	54 x 24	42 x 38
Order number - Dripillow Berm	M76-1445-U0	M76-1450-U0	M76-1453-U0	M76-1455-U0
Price / Item(s)	\$ 56.00	\$ 65.00	\$ 89.00	\$ 121.00
Order number - Replacement Pads	M76-1446-U0	M76-1451-U0	M76-1454-U0	M76-1456-U0
Price / Item(s)	\$ 89.00	\$ 107.00	\$ 149.00	\$ 202.00



Filter-Spillpad 24 x 24 x 3 inches

Poly-Spillpad with removable 100% polyethylene grate, 24 x 24 x 2 inches

Filter-Spillpads

- Similar to the standard Spillpad, the Filter-Spillpad has the added benefit of absorbent socks built right into the side wall for easy cleanup
- Great for doing maintenance on generators and other small equipment
- Soft foam sidewalls make it easy to load /unload equipment with hand trucks
- This medium size bridges the gap to provide the perfect fit for your application
- Removable, replaceable absorbent contain hazardous materials
- Lightweight, portable, and folds out of the way when not in use

Poly-Spillpads

- Handles the messiest of smaller jobs
- Lightweight and easily moved
- Great on your plant floors or to prevent incidental spills
- The large sump area allows for an extended response time
- Sturdy inner polyethylene grate provides protection while vinyl berm keeps incidental spills contained
- Removable 100% polyethylene grate allows easy access to the sump

Description	External Dimensions W x D x H [in]	Order number	Price / Item(s)
Poly-SpillPads	24 x 24 x 2	M76-1422-U0	\$ 121.00
	24 x 48 x 2	M76-1426-U0	\$ 252.00
	48 x 48 x 2	M76-1427-U0	\$ 364.00
Filter-SpillPads	24 x 24 x 3	M76-1423-U0	\$ 140.00
	24 x 48 x 3	M76-1424-U0	\$ 158.00
	48 x 48 x 3	M76-1425-U0	\$ 158.00



from \$ 81.00

Prowler Spill Containment Pools, available from 20 up to 150 Gallon.

Prowler Pools

Polyethylene construction provides a tough, tear-resistant and chemical resistant containment pool for leaks and spills.

- They fold up for compact storage and deploy quickly for rapid response
- The teardrop design and top tension ring make them self-supporting
- Extreme chemical resistance

Description	Prowler Pool			
Top Diameter [in]	18	36	32	44
Base Diameter [in]	28	48	48	60
Sump Capacity [gal]	20	66	100	150
Order number	M28-4505-U0	M28-4510-U0	M28-4515-U0	M76-1487-U0
Price / Item(s)	\$ 81.00	\$ 121.00	\$ 131.00	\$ 140.00

HazMats Pools

The Hazmat Pool is an inexpensive, quick deployment pool that is small enough to be stored on any truck or emergency response vehicle. Decontaminate for reuse or discard according to regulations. Excellent puncture abrasion and chemical resistance along with a -60° F cold crack. With resistance to the widest range of chemicals, and set up in seconds, the Hazmat Pool is your answer to decontamination.

- They fold up for compact storage and deploy quickly for rapid response
- The teardrop design and top tension ring make them self-supporting, making them one less item to worry about in a high stress spill scenario
- 100-gallon model is ideal for trucks with two 50-gallon saddle tanks
- Extreme chemical resistance

Description	Hazmat Pool
External Dimensions W x D x H [in]	74 x 74 x 8
Sump Capacity [gal]	100
Order number	M76-1485-U0
Price / Item(s)	\$ 153.00



HazMats Pools

Poly Tank Berms

- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Spill solution - Eliminate costly spills while storing fuels, oils, and other hazardous liquids
- Rugged, all-polyethylene construction will not rust or corrode
- Pullover Cover option keeps rainwater out, yet allows easy access for pumping waste collection

Description	Poly Tank Berm	
Sump Capacity [gal]	275	550
External Dimensions W x D x H [in]	85 x 44 x 29	87 x 63 x 33
Order number - w/ Drain	M28-4750-U0	M28-4760-U0
Price / Item(s)	\$ 440.00	\$ 746.00
Order number - w/o Drain	M28-4755-U0	M28-4765-U0
Price / Item(s)	\$ 424.00	\$ 728.00



Poly Tank Berms, available from 275 up to 550 Gallon, with or without Drain

from \$ 440.00

Stinger PolyBerm

- The Stinger PolyBerm is a hybrid containment system that takes advantage of the strength of molded plastic and blends it with the portability of industrial fabrics
- Combined with simple setup, these features make this containment system the best option for large tanks and transformers
- Provides smaller footprint storage for large volume vertical tanks
- No excavation or anchoring required
- Lightweight, modular design can install with as few as two people
- Includes 4 ft. sidewalls and a chemically resistant, durable liner
- Can be used as a permanent structure, or easily disassembled and transported
- 1' to 4' tall sidewall options available



Description	Stinger PolyBerm				
Sump Capacity [gal]	10,988	26,960	48,623	79,982	71,843
External Dimensions W x D x H [ft]	21 x 21 x 4	53 x 17 x 4	65 x 25 x 4	81 x 33 x 4	49 x 49 x 4
Order number	M76-1637-U0	M76-1638-U0	M76-1639-U0	M76-1640-U0	M76-1641-U0
Price / Item(s)	\$ 22,794.00	\$ 36,974.00	\$ 48,504.00	\$ 63,006.00	\$ 54,244.00

Stinger L-Bracket Berm

- Industry standard L-bracket berms are durable, dependable, and proven
- Sidewalls are held in place by a powder-coated steel bracket that can be oriented towards or away from the sump
- The two-foot sidewall provides ample containment for compliance with larger containers
- Contains more liquid in less space with its small footprint and tall sidewall
- Easy to setup and take down
- Custom sizes available
- Ground pad and TracMat available for added protection
- Optional trickle filter/shut-off valve



Description	Stinger L-Bracking Berms			
Sump Capacity [gal]	1,496	3,591	3,366	5,984
External Dimensions W x D x H [ft]	0.17 x 10 x 10	0.17 x 24 x 10	0.17 x 15 x 15	0.17 x 20 x 20
Order number	M76-1232-U0	M76-1234-U0	M76-1251-U0	M76-1256-U0
Price / Item(s)	\$ 1,913.00	\$ 3,173.00	\$ 3,547.00	\$ 5,600.00

Optional Accessory

Hydrocarbon Filters for Poly Tank Berms

- Optional filter captures hydrocarbons in contained water when draining from poly sump
- Designed to fit on poly sump models with drain.

Filter,
Order no. M28-4770-U0, \$ 248.00

Filter Refill (2 pieces),
Order no. M28-4771-U0, \$ 189.00





Yellow Snap-Up Berms

- Yellow Jacket Berms feature our snap-up stay design with an 8" tall sidewall height for a lower profile
- They are very chemically resistant and are cold rated to -55°F
- This model is suitable for drum storage or works well as a wash-down pool
- Compatible with grates to create a raised floor
- Innovative stay design prevents lost parts and is easy to setup
- Folds flat for easy transport and storage

\$ 448.00

Order no. M28-4606-U0



Description*	External Dimensions W x D x H [in]	Capacity [gal]	Shipping Weight [lbs]	Order number	Price / Item(s)
Stinger Yellow Jacket Berm	48 x 48 x 8	80	15	M28-4606-U0	\$ 448.00
	48 x 72 x 8	120	18	M28-4616-U0	\$ 494.00
	48 x 96 x 8	160	28	M28-4626-U0	\$ 578.00
	72 x 72 x 8	180	24	M28-4631-U0	\$ 625.00

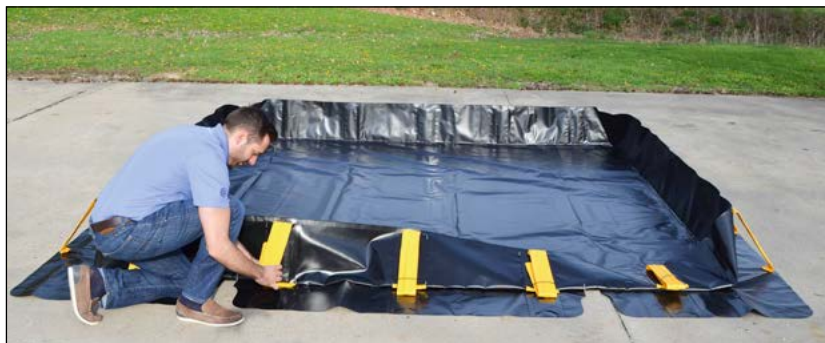
*More sizes available online

Black Snap-Up Berms

- Stinger Snap-Up berms are available in a wide variety of sizes and triangular stays create a sturdy sidewall and are welded in place, leaving no loose part that can be lost
- Easy to setup and sidewalls can be laid flat to be driven over by vehicles and other equipment
- This model can be used as a portable spill pallet as it is perfectly sized to hold a standard wooden pallet
- Compact storage and transport
- Air-lance tested for maximum product performance
- Ground Pad and TracMat available for added protection
- Standard material: Geoloy & XR

\$ 691.00

Order no. M28-4610-U0



Description*	External Dimensions W x D x H [in]	Capacity [gal]	Shipping Weight [lbs]	Order number	Price / Item(s)
Snap-Up Containment Berm	48 x 48 x 8	80	11	M28-4605-U0	\$ 569.00
	48 x 48 x 12	119	18	M28-4610-U0	\$ 691.00
	48 x 72 x 8	119	25	M28-4615-U0	\$ 635.00
	48 x 96 x 8	159	21	M28-4625-U0	\$ 793.00
	75 x 72 x 12	269	37	M28-4630-U0	\$ 877.00
	96 x 96 x 8	319	35	M28-4635-U0	\$ 980.00

*More sizes available online

Econo Berms

- Industry standard L-bracket berms are durable, dependable, and proven
- Sidewalls are held in place by an aluminum bracket that can be oriented towards or away from the sump
- They are available in a wide range of standard sizes, and fold flat for easy shipping, storage, and transportation
- Place a standard wooden pallet with drums directly into this convenient size
- Easy to setup
- Custom sizes available
- Low-profile sidewall
- Material: Standard 22 oz PVC



Description*	External Dimensions W x D x H [ft]	Capacity [gal]	Shipping Weight [lbs]	Vendor SKU	Order number	Price / Item(s)
Econo-Berm	1 x 4 x 4	119	16	48-441-AS	M76-1271-U0	\$ 280.00
	4 x 6 x 1	179	20	48-461-AS	M28-4620-U0	\$ 473.00
	1 x 5 x 5	187	22	48-551-AS	M76-1284-U0	\$ 420.00
	1 x 8 x 6	359	33	48-861-AS	M76-1299-U0	\$ 532.00

IBC Berms

Uses a unique L-Bracket sidewall support system mounted on the exterior leaving the interior free from interference. Removable L-Brackets allow sidewalls to lay flat for entry and exit. This berm is convenient for containing IBC units or any application that requires a durable, long lasting, portable containment unit.

- It has rugged, two-foot-tall steel L-brackets to form the sidewall and is made from chemically resistant PVC
- Easy to setup and tear down
- Folds flat for minimum storage and simple transport
- Sidewalls can be laid flat for forklift access



Description*	External Dimensions W x D x H [ft]	Sump Capacity [gal]	Shipping Weight [lbs]	Order number	Price / Item(s)
IBC - Berm	2 x 5 x 4	299	84	M76-1272-U0	\$ 980.00
	0.17 x 6 x 4	359	21	M76-1274-U0	\$ 1,166.00
	0.17 x 5 x 5	374	102	M76-1285-U0	\$ 1,213.00

*More sizes available online

Stinger Rail Berms

Designed to provide portable spill containment and control for bottom loading and unloading rail tank cars. At only 38 lb., this berm can be set down by a single operator. The berm provides a 4' x 4' x 12" sump area that sits in the void between the tracks directly under the valves. Should a large release occur, captured liquid would begin to fill this berm. The spilled product would then be directed over the outside rail to an alternate compartment 4' x 18" x 12" H.

- Large spill capacity with secondary containment sump
- Includes two 2 in. drains with male CAM-LOC fittings for easy cleanup and decontamination



\$ 1,232.00

Order no. M76-1304-U0

2



Large Area Spill Containment

Many situations do not lend themselves to common secondary containment equipment. Processing or warehousing often involve larger volumes or areas than can be practically housed in a hazmat enclosure. In addition, what about damage to facilities from outside floodwaters? OSHA and EPA regulations require that all releases be contained and that the flow chemicals and/or sprinkler water be prevented from migrating into drains, sewers or the environment. Such large volume spills can prove to be catastrophic in scope and expenses involving reclamation, repair and monetary fines. Recent developments have led us to combine several of our newest technologies into a new family of products under the LASC™ trade name. DENIOS is your best partner for analyzing and solving your Large Area Spill Containment issues.

Large Area Spill Containment

82 FM Approved Passive Flood Barrier

84 Automatic Spill Barrier

86 FM Approved Automatic Spill Barrier

87 HazBerm & Manual Spill / Flood Barrier





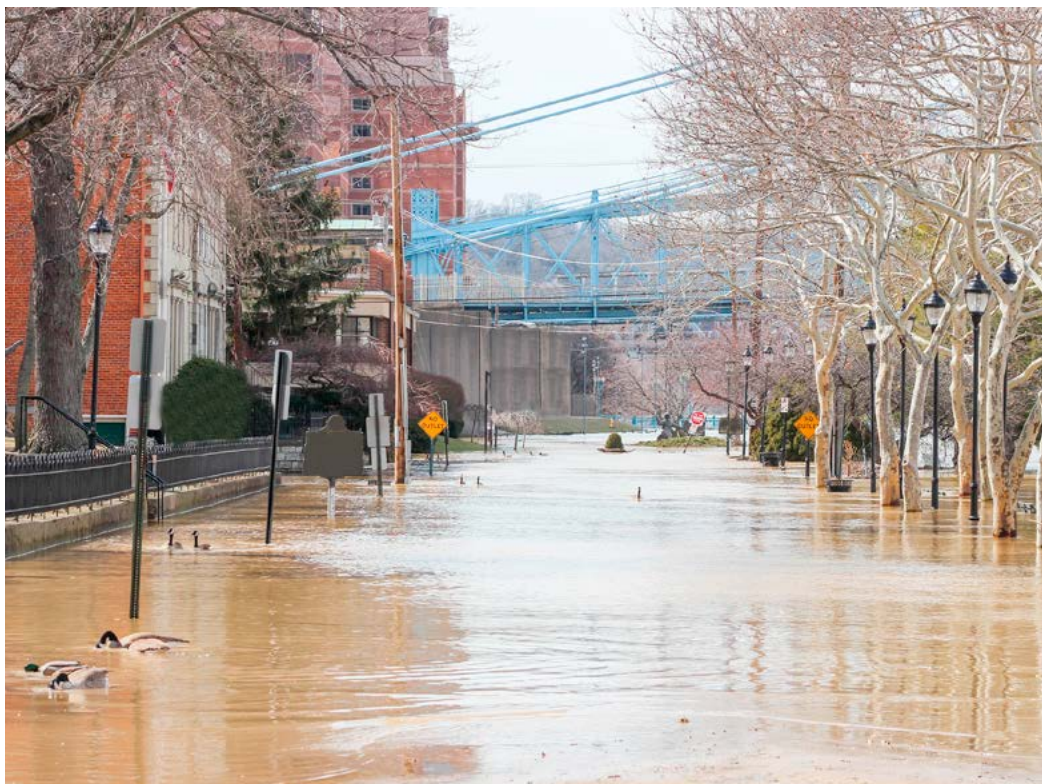
Protect Facilities in Events of Flash Floods (FM Approvals Class 2510)

One inch of water can cause \$25,000 in damage. Flooding is the most common and costly natural disaster in the United States. Within the last five years, all 50 states have experienced flash floods.

As a result, flooding is the number one insurance damage claim. More than 20 percent of flood claims come from properties outside of high-risk zones.

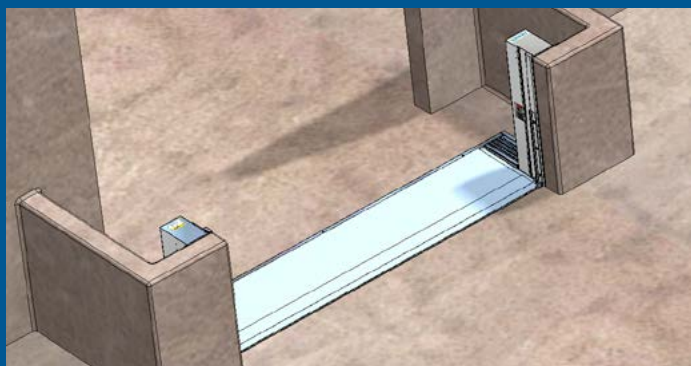
The Doorway Flood Barrier installs easily in existing doorways, and stores horizontally, permitting normal vehicular and personnel traffic, until a flood occurs.

With the first flow of water the Passive Barrier automatically closes. Your facility is protected 24/7 without the need of any personnel or electricity.



Only a few inches of water can result in thousands of dollars in damage.

- **90%** of all U.S. natural disasters involve flooding
- Floods cause an average \$8 billion in damages each year
- One inch of water can cause \$25,000 in damage
- **98%** of U.S. counties have been impacted by a flooding event
- **\$42,000** is the average flood claim payout
- All **50** states experience flash flooding
- **6 inches** of fast-moving flood water can knock you off your feet
- **40%** of small businesses never reopen their doors following a flooding disaster
- Flash floods can bring walls of water from **10 to 20 feet** high



When not deployed, the Doorway Flood Barrier stores flat in the floor, eliminating the need for ramps or berms. The Doorway Flood Barrier permits normal vehicular and personnel traffic, until a flood occurs. With the first flow of water the Barrier automatically closes.



Fully automatic operation, no external power source or compressed air required.



Passive Flood Barrier

Provides all the durable construction and operational characteristics of our doorway spill barrier but is designed specifically for flood waters.

- Solid welded stainless-steel construction
- Self-contained one-piece system design
- Fully automatic operation, no external power source or factory compressed air required
- While lying flat, Barrier provides up to 6.5 tons axle weight capacity
- Door heights of 12, 18, and 24 inches. Widths from 3 to 12 feet
- Flexible design allows installation either inside or outside exterior doors
- FM Approved



Liquid Retention Height — 12 inch

Nominal Width of Door	Opening Span	Sealed Width	Order number
3 ft	36 in	40 in	R11-0312-U0
4 ft	48 in	52 in	R11-0412-U0
6 ft	72 in	76 in	R11-0612-U0
8 ft	96 in	100 in	R11-0812-U0
10 ft	120 in	124 in	R11-1012-U0
12 ft	144 in	148 in	R11-1212-U0

Liquid Retention Height — 18 inch

Nominal Width of Door	Opening Span	Sealed Width	Order number
3 ft	36 in	40 in	R11-0318-U0
4 ft	48 in	52 in	R11-0418-U0
6 ft	72 in	76 in	R11-0618-U0
8 ft	96 in	100 in	R11-0818-U0
10 ft	120 in	124 in	R11-1018-U0
12 ft	144 in	148 in	R11-1218-U0

Liquid Retention Height — 24 inch

Nominal Width of Door	Opening Span	Sealed Width	Order number
3 ft	36 in	40 in	R11-0324-U0
4 ft	48 in	52 in	R11-0424-U0
6 ft	72 in	76 in	R11-0624-U0
8 ft	96 in	100 in	R11-0824-U0
10 ft	120 in	124 in	R11-1024-U0
12 ft	144 in	148 in	R11-1224-U0



Automatic Doorway Spill Barriers

Contain Large Spills to a Single Room

DENIOS prides itself on leading the spill control and containment industry in product development.

Spill containment or Secondary Containment systems are generally conceived to hold a pre-defined volume of liquid in a containment or spill sump sized for the specific volume or product being stored. These products confine a spill in the sump to prevent the spill from spreading.

Many situations do not lend themselves to common secondary containment equipment. What options are there for containing larger spills that threaten wide areas?

Automatic Doorway Spill Barriers require no power source and provide the protection to contain large spills by closing off any doorway or opening in the affected room at the first sign of flowing liquids.



Automatic Doorway Spill Barriers quickly seal off a room, preventing any spill from contaminating other parts of your plant. The ADSB operates without any power assist and lays flat until triggered by a spill.

Fully automatic operation ensures barrier will close even in cases of power loss



When not deployed, Barrier door stores flat in floor, eliminating the need for ramps or berms. Automatically closes with introduction of liquid in the built-in collection sump, creating a liquid tight seal and containing the spill in the room where it originated

Federal Regulations along with Local Jurisdictions require that sprinkler water in combination with regulated or hazardous materials be prevented from being released into the environment via sewers, streams, or ground contamination. When a release occurs, fines and clean-up costs can be staggering.

■ OSHA 1910.106 (d) (4) (i)

Openings to other rooms or buildings shall be provided with non-combustible liquid-tight raised sills or ramps at least 4" in height

■ IFC-2704.2.2.3 (2009)

Secondary containment for indoor storage are as shall be designed to contain a spill from the largest vessel plus the design flow volume of fire-protection water calculated to discharge from the fire-extinguishing system over the minimum required system design area or area of the room... for a period of 20 minutes.

■ NFPA-30 9.13.3

Curbs, scuppers, special drains, or other suitable means shall be provided to prevent the flow of liquids under emergency conditions into adjacent building areas.

■ OSHA 1910.106 (e) (3) (iv) (a)

Emergency drainage systems shall be provided to direct flammable or combustible liquid leakage and fire protection water to a safe location. This may require curbs, scuppers, or special drainage systems to control the spread of fire.

Automatic Doorway Spill Barrier

Features of the Automatic Doorway Spill Barrier Include:

- Solid welded stainless-steel construction
- Self-contained one-piece system design
- Fully automatic operation, no external power source or factory compressed air required
- Easy installation in existing doorways; stores horizontally in the floor, permitting unobstructed vehicular and personnel traffic until a spill occurs
- While lying flat, Barrier provides up to 6.5 tons axle weight capacity
- Designed to fit in doorways between 3 and 16 feet, with barrier heights of 12 to 24 inches (16' x 24" not available)



Liquid Retention Height — 12 inch

Order number	Nominal Width of Door	Opening Span	Sealed Width
R14-0312-U0	3 ft	36 in	40 in
R14-0412-U0	4 ft	48 in	52 in
R14-0612-U0	6 ft	72 in	76 in
R14-0812-U0	8 ft	96 in	100 in
R14-1012-U0	10 ft	120 in	124 in
R14-1212-U0	12 ft	144 in	148 in
R14-1412-U0	14 ft	168 in	172 in
R14-1612-U0	16 ft	192 in	196 in

Liquid Retention Height — 18 inch

Order number	Nominal Width of Door	Opening Span	Sealed Width
R14-0318-U0	3 ft	36 in	40 in
R14-0418-U0	4 ft	48 in	52 in
R14-0618-U0	6 ft	72 in	76 in
R14-0818-U0	8 ft	96 in	100 in
R14-1018-U0	10 ft	120 in	124 in
R14-1218-U0	12 ft	144 in	148 in
R14-1418-U0	14 ft	168 in	172 in
R14-1618-U0	16 ft	192 in	196 in

Liquid Retention Height — 24 inch

Order number	Nominal Width of Door	Opening Span	Sealed Width
R14-0324-U0	3 ft	36 in	40 in
R14-0424-U0	4 ft	48 in	52 in
R14-0624-U0	6 ft	72 in	76 in
R14-0824-U0	8 ft	120 in	100 in
R14-1024-U0	10 ft	144 in	124 in
R14-1224-U0	12 ft	168 in	148 in
R14-1424-U0	14 ft	168 in	172 in

Fully automatic operation ensures barrier will close even in cases of power loss

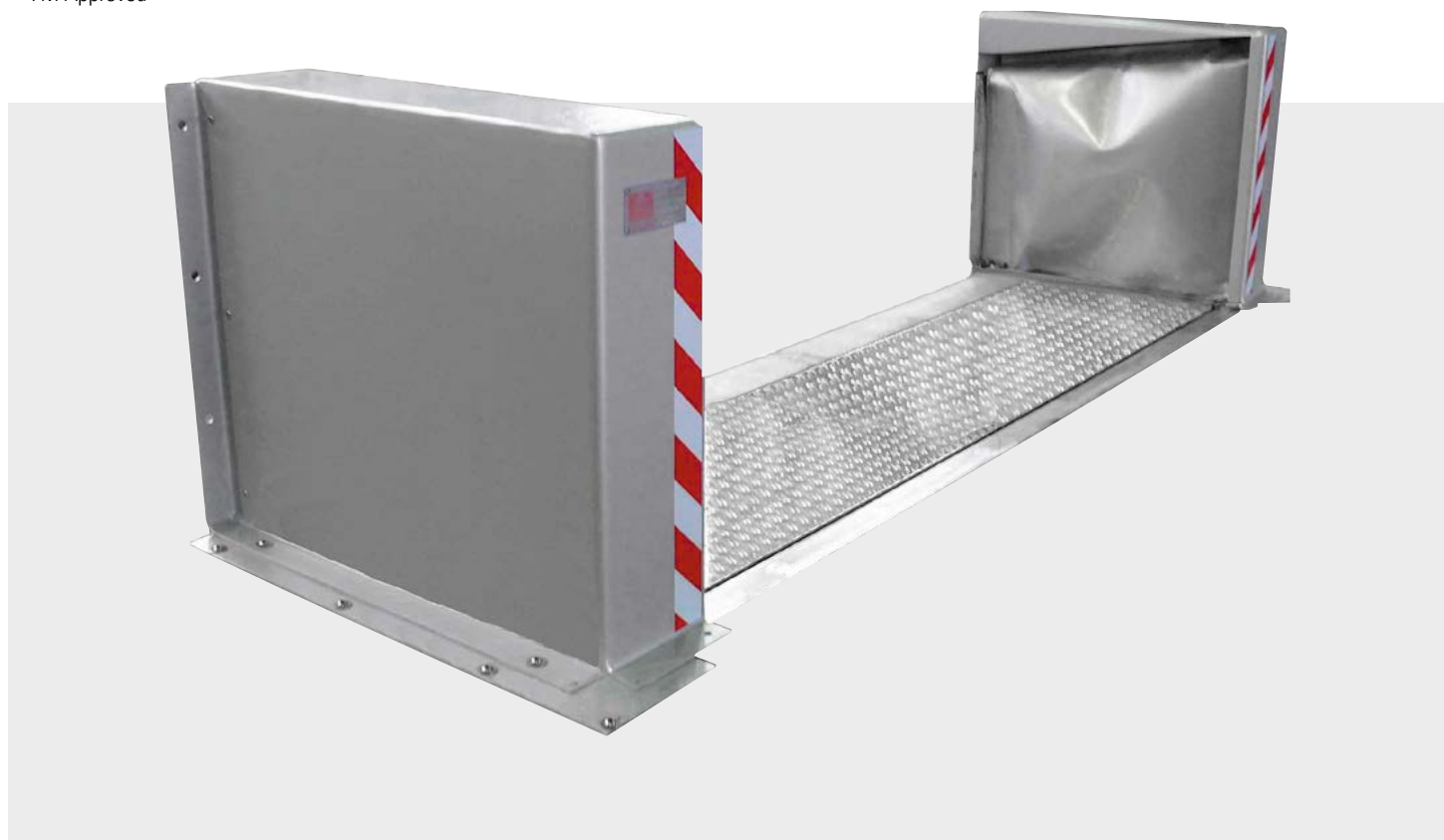
Operation – Flow of liquid triggers the Barrier to automatically shut. The door will automatically close with the introduction of liquid in the built-in collection sump, creating a liquid tight seal and containing the spill in the room where it originated.

Features of the Automatic Doorway Spill Barrier Include:

- Solid welded stainless-steel construction
- Self-contained one-piece system design
- Fully automatic operation, no external power source or factory compressed air required
- Easy installation in existing doorways; stores horizontally in the floor, permitting unobstructed vehicular and personnel traffic until a spill occurs
- While lying flat, Barrier provides up to 6.5 tons axle weight capacity
- Designed to fit in doorways between 3 and 16 feet, with barrier heights of 12 to 24 inches (16' x 24" not available)
- FM Approved



The Anhamm barrier is FM Approved for flammable liquid retention.



Liquid Retention Height — 12 inch

Order number	Nominal Width of Door	Opening Span	Sealed Width
R15-0312-U0	3 ft	36 in	40 in
R15-0412-U0	4 ft	48 in	52 in
R15-0612-U0	6 ft	72 in	76 in
R15-0812-U0	8 ft	96 in	100 in
R15-1012-U0	10 ft	120 in	124 in
R15-1212-U0	12 ft	144 in	148 in

Liquid Retention Height — 18 inch

Order number	Nominal Width of Door	Opening Span	Sealed Width
R15-0318-U0	3 ft	36 in	40 in
R15-0418-U0	4 ft	48 in	52 in
R15-0618-U0	6 ft	72 in	76 in
R15-0818-U0	8 ft	96 in	100 in
R15-1018-U0	10 ft	120 in	124 in
R15-1218-U0	12 ft	144 in	148 in

Liquid Retention Height — 23 inch

Order number	Nominal Width of Door	Opening Span	Sealed Width
R15-0323-U0	3 ft	36 in	40 in
R15-0423-U0	4 ft	48 in	52 in
R15-0623-U0	6 ft	72 in	76 in
R15-0823-U0	8 ft	96 in	100 in
R15-1023-U0	10 ft	120 in	124 in
R15-1223-U0	12 ft	144 in	148 in

HazBerms

- Polymer concrete segments are highly chemical and fire resistant
- Available in tan or black
- Easy Installation - Does not require floor footers, forms, or on-site concrete pouring
- The HazBerm can be combined with DENIOS US Spill Barriers to provide easy entry or exit to the containment area
- Recommended for smaller footprints with level/well-maintained floors
- Easily relocated or altered as needs change - no need to jack-hammer and replace the existing system



The HazBerm is available in 1 and 3 foot segments as well as the 1 foot corner and reverse corner segments. (Reverse corner not shown. Hardware included, but not shown.)



from \$ 242.00

HazBerm Segments — Tan

Order number*	Model	External Dimensions W x D x H [in]	Internal Dimensions W x D x H [in]	Shipping Weight [lbs]	Price / Item(s)
R05-0210-U0	1' Straight	12 x 4 x 18	—	27	\$ 242.00
R05-0230-U0	3' Straight	36 x 4 x 18	—	84	\$ 441.00
R05-0290-U0	1' Corner	12 x 4 x 18	12 x 4 x 18	51	\$ 399.00
R05-0292-U0	1' Reverse Corner	12 x 4 x 18	12 x 4 x 18	51	\$ 399.00

*Not to exceed 1,000 gallon capacity or 150 square feet.

HazBerm Segments — Black

Order number*	Model	External Dimensions W x D x H [in]	Internal Dimensions W x D x H [in]	Shipping Weight [lbs]	Price / Item(s)
R05-0211-U0	1' Straight	12 x 4 x 18	—	27	\$ 185.00
R05-0231-U0	3' Straight	36 x 4 x 18	—	84	\$ 441.00
R05-0291-U0	1' Corner	12 x 4 x 18	12 x 4 x 18	51	\$ 399.00
R05-0293-U0	1' Reverse Corner	12 x 4 x 18	12 x 4 x 18	51	\$ 399.00

*Not to exceed 1,000 gallon capacity or 150 square feet.



Note: Other heights and widths available!
Please call us: 800-216-7776

Manual Doorway Spill and Flood Barriers

Barriers clamp securely into preset piers mounted on either side of the opening.

Designed to contain spills, leaks, and / or sprinkler water releases.

By sealing off doorways or other openings, liquids are prevented from spreading beyond the immediate room or area.

Barriers may also be used on the exterior of doorways to prevent high water from storms or floods from entering critical areas and damaging, expensive equipment or inventory.

On-site installation is easily accomplished in new or existing facilities using the step-by-step installation instructions provided.

- Chemical-resistant gaskets maintain a tight seal in both hot and cold conditions
- Rigid design withstands extreme temperatures during a fire
- Unique clamping mechanism secures the barrier in place between piers
- Eliminates need for ramps/berms at doorways or other openings
- Deploys in Seconds!



Manual doorway spill barriers are great for low traffic areas. The door easily lifts out for access to the sealed area, otherwise the door is normally in place.



Barrier piers are mounted on both sides of the doorway, allowing normal traffic when the barrier is not deployed.



At the first sign of an incident the barrier is lowered into position.



Within seconds the doorway is secured against flowing liquids.



When open, store the barrier close to the mounting piers for quick, easy deployment in the event of a spill.

3



When it comes to Chemical Containment Storage, DENIOS is the expert.

We have over 30 years of experience meeting & exceeding our customers needs while staying within budget and deliver a quality product on time. Call us today to see how we can help with all your chemical storage needs.



Hazardous Materials Storage

90 Non-Occupancy Storage Buildings

104 Occupancy Storage Buildings

114 Service & Maintenance

116 IBC Storage Lockers

118 Drum Storage Lockers

120 HazMat Stations

126 PolySafe Depots

130 Safety Storage Cabinets

138 PolyStore Chemical Cabinets



Codes and Regulations Governing the Storage of Hazardous Chemicals and Processes



Introduction

Governmental codes and regulations dictate the correct selection and placement of hazardous chemical storage Lockers, Non-Occupancy Buildings and Occupancy Buildings. The characteristics of the stored material i.e. flammability, pH, material storage temperature, the size and type of container(s), the total quantity stored, and the storage location in relation to other structures will determine which code(s) and regulations pertain to your application.

Regulations and Codes of note that may affect your storage application are NFPA 30 "Storage of Flammable Liquids", the IBC and IFC.

"International Building Code" and International Fire Code", as well as the code of Federal regulations 40 CFR 264.175 concerning containment and 29 CFR 1910 (OSHA). Additionally independent third party testing agencies such as Factory Mutual have developed standards for the storage of flammable and other hazardous materials. DENIOS sells and produces Factory Mutual approved products.

DENIOS sales and engineering professionals are well versed in the requirements of National codes as they pertain to the storage of hazardous chemicals. However, the local code enforcement official or "Authority Having Jurisdiction" is the official closest to the situation with the responsibility to interpret the applicable codes in the light of all local factors. The local "AHJ" should always be consulted before purchasing any type of hazardous material storage equipment. DENIOS is always available to assist its customers with supplementary information to support approval process.

DENIOS' Quality Assurance Program

As part of our ongoing commitment to quality, DENIOS maintains a formalized, structured Quality Assurance Program. This program mandates that designs are checked and rechecked by 3rd Party Engineering firms for structural loading, seismic, and other code compliance factors.

DENIOS equipment is also engineered to satisfy any number of regulatory agencies including:

- NFPA – National Fire Protection Association
- IBC – International Building Code
- EPA – Environmental Protection Agency
- OSHA – Occupational Safety and Health Administration
- FM / FM Global

Relating to equipment manufacture, our Quality Assurance Program also insures all products are thoroughly inspected and tested before shipping. Tests range from, but are not limited to, pre-paint sump weld leak tests to temperature control tests for our heated and cooled structures. Testing is documented and overseen by our Engineering, Technical Sales, and Production staffs.

The DENIOS System

The DENIOS System of storage Lockers, Occupancy Buildings, and Non-Occupancy Buildings specifically address the material handling and processing needs of the client. All our structures are designed for placement indoors or out and can be easily relocated via crane or forklift. All provide options for fire rating, explosion protection, and temperature control. All designs address what and how much is being stored and how often it needs to be handled. And all are compliant.

Lockers:

Engineered for small volume storage and processing, Lockers will accommodate 2-14 drums or 1-2 intermediate bulk containers. Available door styles allow for easy access to the chemicals by forklift. Typical uses include exterior storage of flammables and combustibles, remote storage and dispensing stations for truck and rail terminals, and insulated and heated storage for processing and freeze protection.

Non-Occupancy Buildings:

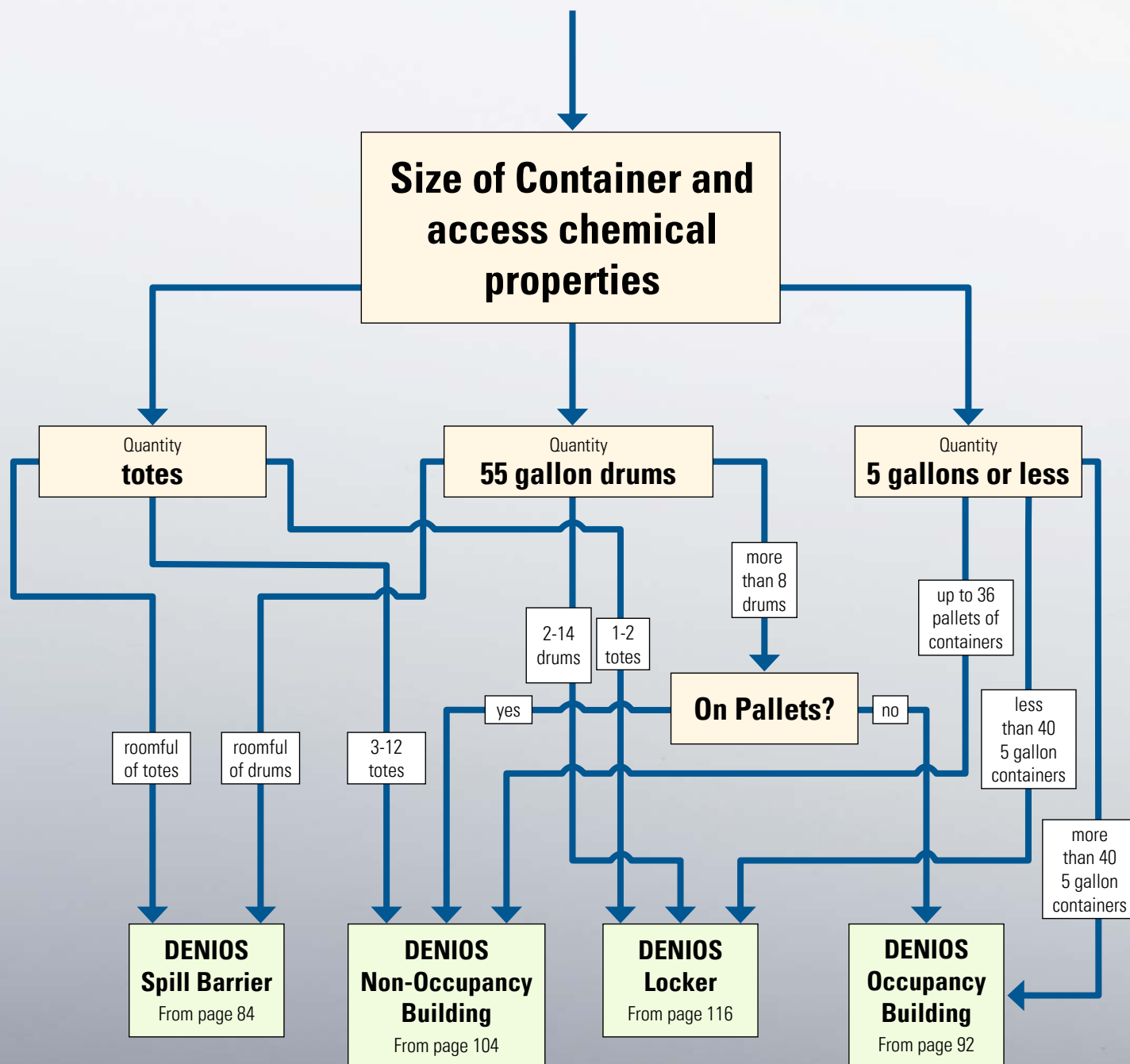
Designed for large volume storage needs, Non-Occupancy Buildings come with single- or double-sided access and provide up to three tiers and 12 bays of storage space. A variety of door styles all allow for forklift access to every stored pallet of drums, thus simplifying handling and eliminating any personnel exposure to chemicals or fumes inside the Non-Occupancy Building.

Occupancy Buildings:

Often utilized for housing dangerous processes such as mixing and pumping flammable paints and resins, Occupancy Buildings provide a secure enclosure isolating any hazardous chemical dispensing, mixing, and processing away from personnel and the rest of the facility.

Chemical Storage Equipment Selection Guide

Chemical Storage Requirement



A Safer Storage Alternative

DENIOS is the pioneer in the development of Drum and IBC Non-Occupancy Storage Buildings as a safer and more efficient alternative to walk-in buildings for chemical storage.

The non-occupancy design of Non-Occupancy Buildings, featuring full-face opening door styles, allows all materials to be moved via forklift, relieving personnel from having to enter a potentially hazardous environment.

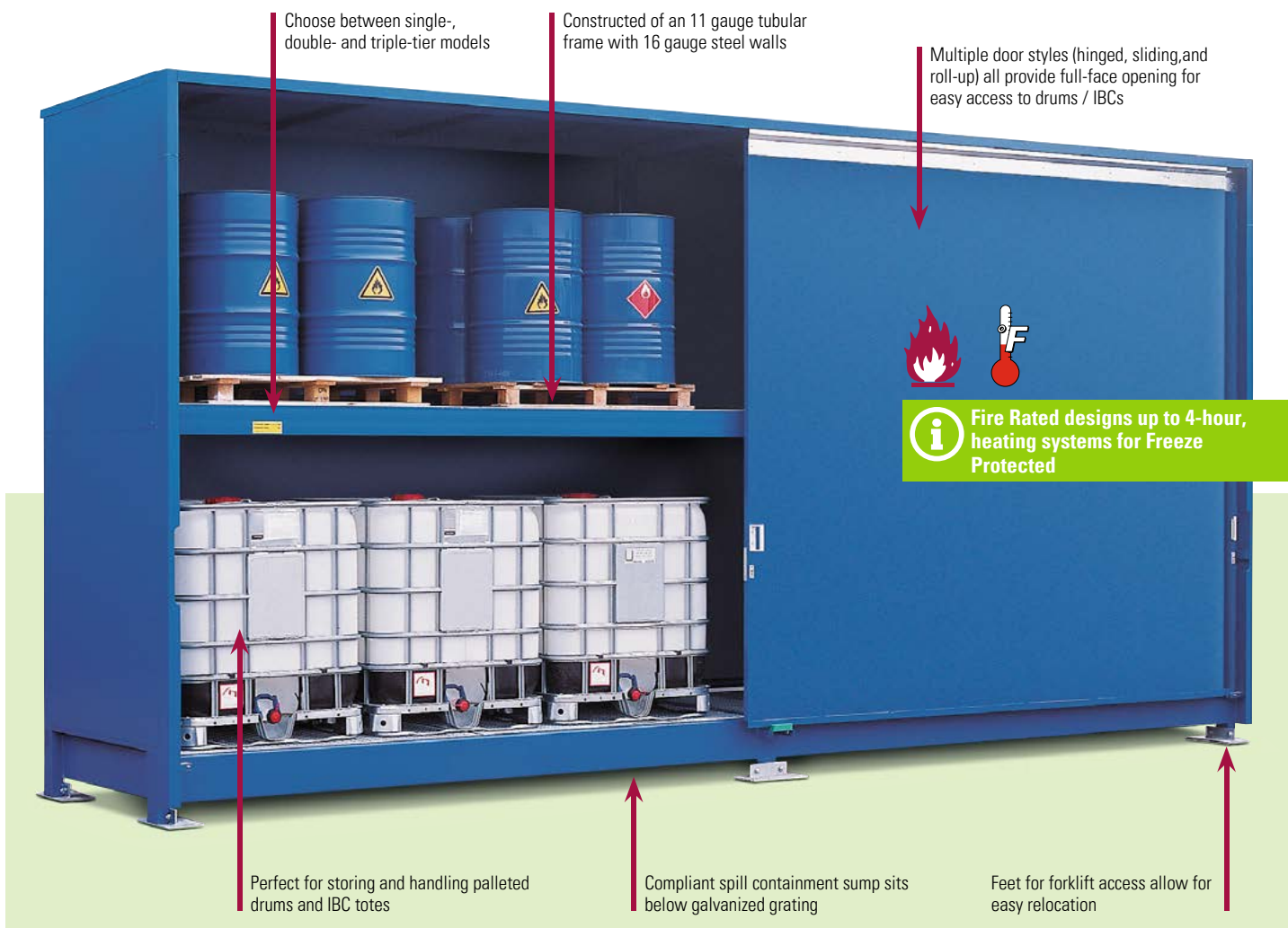
DENIOS manufactures the widest variety of styles of Non-Occupancy Buildings available on the market today. Choose between single- or multi-tiered designs with either single- or double-sided access. Non-Occupancy Buildings are suitable for indoor or outdoor placement and provide complete physical separation of stored chemicals from the surrounding facility and / or from other incompatible chemicals or ignition sources.

Sizes and Styles:

- 48 standard configurations of base models
- Individual storage bays sized for 2 or 3 pallets of drums or 2 or 3 IBC's
- Bays are arranged in configurations offering single-, double- or triple-tier heights
- Models are available with single-sided or double-sided access (back-to-back bays)
- All units are built to accommodate outdoor placement

Common Applications for Non-Occupancy Buildings:

- Segregated indoor or outdoor storage of flammable or other process chemicals
- Separation of flammable liquids from general warehousing areas
- Temperature controlled outdoor storage of raw materials
- Higher volume waste accumulation and storage areas



Applicable Regulations

DENIOS Non-Occupancy Buildings meet the federal requirements for spill containment of hazardous liquids as regulated by the EPA (40 CFR).

DENIOS follows NFPA 30 regulations for specification compliance for outdoor (Flammable Storage Lockers) as well as indoor (Inside Liquid Storage Rooms) placement.

Although not designated as Occupancies or Structures, loads ratings for Non-Occupancy Buildings (seismic, wind and roof) generally follow the same guidelines as provided for pre-fabricated Occupancy Buildings.

Non-Occupancy Building designs are able to be provided with 3rd Party Engineering Approvals.

Due to local code variance and different enforcement philosophies, DENIOS always recommends checking with the local Authority Having Jurisdiction to verify that a specific configuration will comply with local codes.

For your further reference

Hazardous materials storage is regulated by EPA at the federal level by the Code of Federal Regulations (40 CFR).

At the state and local level, Fire Codes such as IFC, UFC, NFPA 30 (Storage and Handling of Flammable Liquids), Building Codes (UBC & IBC) and other requirements specific to State and Local jurisdictions may also apply. Typical local code issues include: wind load, snow load, seismic zone, fire rating and separation of flammable storage from the nearest building.

Benefit from our Experience

DENIOS has been designing and manufacturing chemical storage enclosures for over 25 years.

By working closely with customers in solving their unique storage challenges, we have been able to translate those solutions into standard products which can provide compliant storage for a majority of industries and applications.

How should substances be stored?



Storing drums directly



Storing IBCs

Freeze protected



Insulated system

Range of door options- all doors lockable



Sliding doors



Hinged doors



Roll-up doors



Roofing systems can be added to Non-Occupancy Buildings or Occupancy Buildings to create covered storage warehouses.

- International Fire Code (IFC)
- International Building Code (IBC)
- Code of Federal Regulations (CFR)
- Environmental Protection Act (EPA)
- National Fire Protection Assn. (NFPA)
- Uniform Fire Code (UFC)
- Uniform Building Code (UBC)
- FM 6049



Exclusive to DENIOS, FM Approval (Class 6049) Non-Occupancy Storage Buildings The First Non-Occupancy Building to Meet the Standard

Third party approvals for Hazardous Material Occupancy Buildings have been around since 1991 in the form of FM class 6049. FM began approving hazardous material storage Occupancy Buildings with the first edition of CLASS 6049 in that year. This FM "standard" has remained the defacto standard in the US, unchallenged since that time. Manufacturers that receive FM approval have submitted their designs to a third party and then to FM for review in accordance with the standard. This includes reviewing the structural integrity including floor and snow loads in accordance with the standards and the ability of the building to withstand a specific wind which is especially important in

coastal areas of the US. The standard further evaluates the integrity of fire rated walls and ceiling and certifies the stated containment sump capacity. Contrary to popular opinion, UL (Underwriters Laboratories) does not have a standard for these buildings, so no manufacturer can use the "UL listed" moniker with reference to their buildings.

A FM approved Occupancy Building should be labeled as such by the manufacturer. The text of the approval document prescribes what must be on the label.

DENIOS Buildings are labeled via data plate with following info:

- Place of manufacture
- Model number
- Design floor
- Wind and Snow Loads
- Fire rating of walls

It also includes whether the Occupancy Building is constructed with damage limiting construction (DLC) also known as deflagration panels, and the electrical classification and temperature classification of any and all electrical equipment installed on the building.



**DENIOS – Leading Supplier of
FM Approved Chemical
Containment Products.**



DENIOS' FM Approved fire rated Non-Occupancy Building.



- Vent hoods included
- Bays are arranged in configurations offering single- or double- heights
- Models are available with single-sided access
- Multiple door choices include hinged and sliding designs
- All units are built to accommodate outdoor placement
- Segregated outdoor storage of flammable or other process chemicals
- Separation of flammable liquids from general warehousing areas
- Temperature controlled outdoor storage of liquid chemicals
- Higher volume waste accumulation and storage areas

Contact Us!

For questions about any of your hazardous chemicals storage or processing needs, contact us at:

**800-216-7776****info@denios-us.com**

The sliding doors open, providing easy access to the stored drums, Order no. L30-3202-U0

Tiers / Bays Structure	Order number*	External Dimensions (vent hoods included) W x D x H [in]	Total Capacity per Unit (Drums/IBCs)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight
	L30-0801-U0	138 x 65 x 99	8 Drums	1	1	1	108 x 50 x 80	141	HD	2,000
	L30-1602-U0	251 x 65 x 95	16 Drums	1	1	2	108 x 50 x 80	289	SD	3,600
	L30-1611-U0	138 x 65 x 129	16 Drums	1	2	2	108 x 50 x 50	230	HD	2,900
	L30-2402-U0	343 x 65 x 95	24 Drums	1	1	2	154 x 50 x 80	409	SD	4,600
	L30-3202-U0	251 x 65 x 126	32 Drums	1	2	4	108 x 50 x 50	470	SD	5,100
	L30-4802-U0	343 x 65 x 126	48 Drums	1	2	4	154 x 50 x 50	665	SD	6,600

*More sizes and configurations available - call for details

Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door



- Vent hoods included
- Individual storage bays sized for 2 or 3 pallets of drums or 2 or 3 IBC's
- Bays are arranged in configurations offering single- or double-tier heights
- Models are available with single-sided access
- Roll-up doors are 3-hour fire rated

- All units are built to accommodate outdoor placement
- Segregated indoor and/or outdoor storage of flammable or other process chemicals
- Separation of flammable liquids from general warehousing areas
- Temperature controlled outdoor storage of liquid chemicals



Double-tiered storage Non-Occupancy Building with hinged doors for 4 IBCs, Order no. L31-0411-U0

FM Approved Non-Occupancy Buildings — Non-Combustible, IBCs

Tiers / Bays Structure	Order number*	External Dimensions (vent hoods included) W x D x H [in]	Total Capacity per Unit (Drums/IBC's)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity	Door Type	Shipping Weight
	L31-0402-U0	251 x 65 x 100	4 IBC's	1	1	2	108 x 50 x 61	470	SD	3,800
	L31-0411-U0	138 x 65 x 158	4 IBC's	1	2	2	108 x 50 x 80	371	HD	3,200
	L31-0602-U0	343 x 65 x 100	6 IBC's	1	1	2	154 x 50 x 80	660	SD	4,800
	L31-0611-U0	184 x 65 x 158	6 IBC's	1	2	2	154 x 50 x 61	529	HD	4,100
	L31-0802-U0	251 x 65 x 154	8 IBC's	1	2	4	108 x 50 x 61	759	SD	5,200
	L31-1202-U0	343 x 65 x 154	12 IBC's	1	2	4	154 x 50 x 61	1,076	SD	7,300

*More sizes and configurations available - call for details

Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door



2-Hour and 4-Hour Fire Rated, Single-Sided Access



Fire Rated designs up to 2- and 4-hour



DENIOS – Leading Supplier of FM Approved Chemical Containment Products.



Note: 150 MPH construction available for high wind areas. Contact factory for details.



Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door

Tiers / Bays Structure	Order number*	External Dimensions (vent hoods included) W x D x H [in]	Total Capacity per Unit (Drums/IBCs)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight [lbs]
	L32-0823-U0	156 x 89 x 125	8 Drums / 2 IBCs	1	1	1	115 x 51 x 80	353	RD	5,800
	L32-1233-U0	213 x 89 x 121	12 Drums / 3 IBCs	1	1	1	172 x 51 x 80	352	RD	7,400
	L32-1643-U0	289 x 91 x 119	16 Drums / 4 IBCs	1	1	2	115 x 51 x 80	364	RD	11,900
	L32-2463-U0	403 x 91 x 119	24 Drums / 6 IBCs	1	1	2	172 x 51 x 80	535	RD	17,100

FM Approved Non-Occupancy Buildings — 2-Hr Fire Rated, Drums/IBCs

	L32-3203-U0	289 x 91 x 149	32 Drums	1	2	4	108 x 50.5 x 50	479	RD	14,600
	L32-4803-U0	403 x 91 x 149	48 Drums	1	2	4	162 x 50.5 x 50	706	RD	20,800

FM Approved Non-Occupancy Buildings — 2-Hr Fire Rated, Drums

	L33-0403-U0	156 x 89 x 173	4 IBCs	1	2	2	108 x 50.5 x 60	353	RD	7,600
	L33-0803-U0	289 x 91 x 173	8 IBCs	1	2	4	108 x 50.5 x 60	744	RD	15,700
	L33-1203-U0	403 x 91 x 173	12 IBCs	1	2	4	162 x 50.5 x 60	1,059	RD	22,300

FM Approved Non-Occupancy Buildings — 2-Hr Fire Rated, IBCs

	L34-0823-U0	157 x 91 x 125	8 Drums / 2 IBCs	1	1	1	115 x 50.5 x 80	353	RD	9,600
	L34-1233-U0	214 x 91 x 121	12 Drums / 3 IBCs	1	1	1	172 x 50.5 x 80	352	RD	11,900
	L34-1643-U0	293 x 91 x 119	16 Drums / 4 IBCs	1	1	2	115 x 50.5 x 80	364	RD	17,400
	L34-2463-U0	407 x 91 x 119	24 Drums / 6 IBCs	1	1	2	172 x 50.5 x 80	353	RD	23,000

FM Approved Non-Occupancy Buildings — 4-Hr Fire Rated, Drums/IBCs

	L34-3203-U0	293 x 91 x 149	32 Drums	1	2	4	108 x 50.5 x 50	479	RD	21,500
	L34-4803-U0	407 x 91 x 149	48 Drums	1	2	4	162 x 50.5 x 50	706	RD	28,300

FM Approved Non-Occupancy Buildings — 4-Hr Fire Rated, Drums

	L35-0403-U0	157 x 91 x 173	4 IBCs	1	2	2	108 x 50.5 x 60	353	RD	13,100
	L35-0803-U0	293 x 91 x 173	8 IBCs	1	2	4	108 x 50.5 x 60	744	RD	23,700
	L35-1203-U0	407 x 91 x 173	12 IBCs	1	2	4	162 x 50.5 x 60	1,059	RD	31,100

FM Approved Non-Occupancy Buildings — 4-Hr Fire Rated, IBCs

*More sizes and configurations available - call for details



Non-Combustible Non-Occupancy Chemical Storage Buildings - Single-Sided Access

DENIOS has the most complete line of Non-Occupancy Buildings for storing drums.

Non-Occupancy Buildings provide highly efficient storage. All products can be accessed from outside the Non-Occupancy Building. No need to manhandle individual drums.



Double-tiered storage Non-Occupancy Building with custom paint color and hinged doors holds 16 drums.



All Non-Occupancy Building door styles provide easy access to stored drums or totes.

- Vent hoods included
- Individual storage bays sized for 2 or 3 pallets of drums
- Bays are arranged in configurations offering single or double-tier heights
- Multiple door choices include hinged, sliding, and roll-up designs

- Segregated outdoor storage of flammable or other process chemicals
- Separation of flammable liquids from general warehousing areas
- Temperature controlled outdoor storage of liquid chemicals
- Higher volume waste accumulation and storage areas

Note: 150 MPH construction available for high wind areas. Contact factory for details.



Double-tiered storage Non-Occupancy Building with hinged doors holds 16 drums.

Optional Accessory



Heating



Sprinkler Systems for wet



Dry Chem System








Temperature Regulators



Cooling Systems



Exhaust Fans

Tiers / Bays Structure	Order number	External Dimensions (vent hoods included) W x D x H (in)	Total Capacity per Unit (Drums/ IBCs)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight
	L80-0801-U0	150 x 56 x 106	8 Drums	1	1	1	120 x 50 x 88	158	HD	2,200
	L80-1601-U0	275 x 56 x 106	16 Drums	1	1	2	120 x 50 x 88	323	HD	4,000
	L80-2401-U0	343 x 56 x 106	24 Drums	1	1	2	154 x 50 x 50	411	HD	4,800
	L80-3201-U0	275 x 56 x 122	32 Drums	1	2	4	120 x 50 x 50	323	HD	5,400
	L80-7211-U0	502 x 56 x 122	72 Drums	1	2	6	154 x 50 x 50	600	HD	8,800

Note: Not all models shown. Models shown are for hinged doors only, sliding and roll-up door styles also available. Please visit www.denios-us.com or call factory for details.

Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door



Single-Sided Access

These Storage Non-Occupancy Buildings have been specially designed for Intermediate Bulk Containers (IBCs).

- The sump volume exceeds mandatory Federal Regulations
- Full-face opening doors provide access to IBCs without the need to physically enter the structure
- Sump of heavy gauge steel for extended life
- Sump welds are 100% inspected with a low-viscous test to insure leaktightness
- Sump volumes meet EPA & NFPA requirements
- Removable grating for easy clean-up
- Extra strength, tubular steel construction
- Coated with a durable, corrosion and weather resistant finish
- Grounding package includes grounding lug, connection wire, and rod



Single-tiered storage Non-Occupancy Building with sliding doors (standard) for 4 IBC totes saves facility space. Building in picture features optional fire-rated design and fire suppression system.



Added tier height and spill pallet capacity make IBC Tote Non-Occupancy Buildings also suitable for drum storage.

Note: 150 MPH construction available for high wind areas. Contact factory for details.



Addition of stands provides height to allow for spill-contained dispensing into small containers.



Note: Not all models shown. Models shown are for hinged doors only, sliding and roll-up door styles also available. Please visit www.denios-us.com or call factory for details.

Single-Sided, Non-Occupancy Buildings — Non-Combustible (NOTE: Where two different bay dimensions are given, both sizes are incorporated in the design. Contact factory for details.)

Tiers / Bays Structure	Order number	External Dimensions (vent hoods included) W x D x H [in]	Total Capacity per Unit (Drums/ IBCs)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight
	L81-0201-U0	150 x 56 x 106	2 Drums	1	1	1	120 x 50 x 81	388	HD	2,300
	L81-0401-U0	150 x 56 x 153	4 Drums	1	2	2	120 x 50 x 61	388	HD	3,350
	L81-0611-U0	343 x 56 x 106	6 Drums	1	1	2	154 x 50 x 88	465	HD	4,800
	L81-0801-U0	275 x 56 x 147	8 Drums	1	2	4	120 x 50 x 61	388	HD	5,500
	L81-1201-U0	343 x 56 x 147	12 Drums	1	2	4	154 x 50 x 61	465	HD	6,500

Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door

Optional Accessory

Smoke / Heat Detectors & Fire Alarms

For the protection of fire proof containers it is important that an early warning system is installed. DENIOS uses certified multi sensors for this purpose. Smoke and fire detection is quick, reliable and can be installed in conjunction with a siren. The alarm system can be connected to the main alarm system.



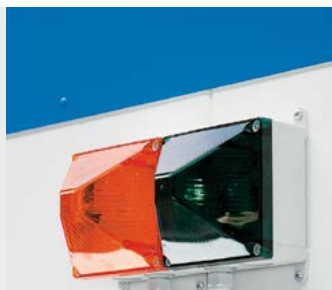
LLDPE and Stainless Steel Sump Liners

When storing acids, alkalis or other aggressive substances, it is recommended that sump liners be installed. These can be manufactured both in PE and stainless steel.



Alarm Lights

In addition to audible alarms, DENIOS can provide alarm lights to work in conjunction with the main alarm system. Thus enhancing the warnings effectiveness to personnel.



Grounding Kits

Grounding kits are required to avoid an electric discharge between the container and other conductive units. All DENIOS HazMat containers can be fitted with an accessory to avoid discharges. These are highly recommended for containers storing explosive materials.





Great for facilities with inventories of flammable products / chemicals. Non-Occupancy Buildings can easily be placed in existing storage aisles – easing material handling and eliminating the need for costly reconstruction. Modular designs also ease relocation when space/storage needs change.

Contact Us!

For questions about any of your hazardous chemicals storage or processing needs, contact us at:



800-216-7776

info@denios-us.com



Note: 150 MPH construction available for high wind areas. Contact factory for details.



2-Hour Fire-Rated Non-Occupancy Chemical Storage Buildings with Single-Sided Access

(NOTE: Where two different bay dimensions are given, both sizes are incorporated in the design. Contact factory for details.)

Tiers / Bays Structure	Order number	External Dimensions (vent hoods included) W x D x H [in]	Total Capacity per Unit (Drums/IBC's)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight [lbs]
	L82-0801-U0	160 x 60 x 112	8 Drums	1	1	1	120 x 50 x 88	158	HD	4,200
	L82-1601-U0	285 x 60 x 112	16 Drums	1	1	2	120 x 50 x 88	323	HD	8,800
	L82-2401-U0	353 x 60 x 112	24 Drums	1	1	2	154 x 50 x 50	411	HD	10,500
	L82-3201-U0	285 x 60 x 128	32 Drums	1	2	4	120 x 50 x 50	323	HD	10,500
	L82-7211-U0	512 x 60 x 128	72 Drums	1	2	6	154 x 50 x 50	600	HD	17,700



Note: Not all models shown. Models shown are for hinged doors only, sliding and roll-up door styles also available. Please visit www.denios-us.com or call factory for details.

Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door

- Individual storage bays sized for 2 or 3 pallets of drums
- Bays are arranged in configurations offering single- or double-tier heights
- Multiple door choices include hinged, sliding, and roll-up designs
- Hinged and sliding doors employ fire resistant construction
- Roll-up doors are 3-hour fire rated
- Fire-Rated units are built to accommodate both indoor and outdoor placement

- Segregated outdoor storage of flammable or other process chemicals
- Separation of flammable liquids from general warehousing areas
- Temperature controlled outdoor storage of liquid chemicals
- Higher volume waste accumulation and storage areas
- Passive vent and hood included








Comprehensive and worry-free.
Service & maintenance from DENIOS.
Request more information now!

» www.denios-us.com/expertise-advice



4-Hour Fire-Rated Non-Occupancy Chemical Storage Buildings with Single-Sided Access

(NOTE: Where two different bay dimensions are given, both sizes are incorporated in the design. Contact factory for details.)

Tiers / Bays Structure	Order number	External Dimensions (vent hoods included) W x D x H [in]	Total Capacity per Unit (Drums/IBC's)	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight [lbs]
	L84-0801-U0	162 x 61 x 112	8 Drums	1	1	1	120 x 50 x 88	158	HD	7,000
	L84-1601-U0	287 x 61 x 112	16 Drums	1	1	2	120 x 50 x 88	323	HD	13,100
	L84-2401-U0	355 x 61 x 112	24 Drums	1	1	2	154 x 50 x 50	411	HD	15,800
	L84-3201-U0	287 x 61 x 128	32 Drums	1	2	4	120 x 50 x 50	323	HD	15,400
	L84-7211-U0	514 x 61 x 128	72 Drums	1	2	6	154 x 50 x 50	600	HD	26,000



Note: Not all models shown. Models shown are for hinged doors only, sliding and roll-up door styles also available. Please visit www.denios-us.com or call factory for details.

Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door



- Vent hoods included
- Individual storage bays sized for 2 or 3 pallets of drums or 2 or 3 IBC's
- Bays are arranged in configurations offering single-, double- or triple-tier heights
- Models are available with single-sided or double-sided access (back-to-back bays)
- Multiple door choices include hinged, sliding, and roll-up designs
- Hinged and sliding doors employ fire resistant construction

Great for facilities with inventories of flammable products / chemicals. Non-Occupancy Buildings can easily be placed in existing storage aisles – easing material handling and eliminating the need for costly reconstruction. Modular designs also ease relocation when space/storage needs change.

2-Hour Fire Rated, Single-Sided Access



Tiers / Bays Structure	Order number*	Total IBC Capacity per Unit	External Dimensions (vent hoods included) W x D x H [in]	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight [lbs]
	L83-0801-U0	8	285 x 60 x 152	1	2	4	120 x 50 x 61	388	HD	11,500
	L83-1601-U0	16	285 x 108 x 152	2	2	8	120 x 50 x 61	715	HD	17,980
	L83-2401-U0	24	353 x 108 x 152	2	2	8	154 x 50 x 61	867	HD	24,000

*More sizes and configurations available - call for details


Door Types: HD = Hinged Door
SD = Sliding Door
RD = Roll-Up Door

- Roll-up doors are 3-hour fire rated
- All units are built to accommodate both indoor and outdoor placement
- Segregated outdoor storage of flammable or other process chemicals
- Separation of flammable liquids from general warehousing areas
- Temperature controlled outdoor storage of liquid chemicals
- Higher volume waste accumulation and storage areas




Engineered options for DENIOS 2 and 4 hour fire rated enclosures may include: 1. Deflationary panels to redirect destructive forces in case of an explosion, 2. Fire, fume or leak detection alarms, 3. Dry or wet fire suppression systems, 4. Ventilation systems to remove noxious or ignitable fumes, 5. Spill containment sumps which meet/exceed EPA, UFC, NFPA and OSHA regulations, 6. Heating and cooling options for temperature sensitive chemicals, 7. Special coating and materials for the storage of acids, caustics or corrosives.

4-Hour fire rated, Double-sided access


 Go online! Discover even more exciting product highlights!
www.denios-us.com/shop


 Models shown are for hinged doors only, sliding and roll-up door styles also available. Please visit www.denios-us.com or call factory for details.



Tiers / Bays Structure	Order number*	Total IBC Capacity per Unit	External Dimensions (vent hoods included) W x D x H [in]	Access Sides	Number of Storage Tiers	Number of Storage Bays	Bay Dimensions W x D x H (in)	Sump Capacity [gal]	Door Type	Shipping Weight [lbs]
	L85-0801-U0	8	287 x 61 x 152	1	2	4	120 x 50 x 61	388	HD	17,300
	L85-1601-U0	16	287 x 108 x 152	2	2	8	120 x 50 x 61	715	HD	22,400
	L85-2401-U0	24	355 x 108 x 152	2	2	8	154 x 50 x 61	867	HD	27,000

*More sizes and configurations available - call for details


 Note: Not all models shown. Models shown are for hinged doors only, sliding and roll-up door styles also available. Please visit www.denios-us.com or call factory for details.

Door Types: HD = Hinged Door
 SD = Sliding Door
 RD = Roll-Up Door

Secure and Store Hazardous Chemicals and Processes Away from Personnel / Facilities

DENIOS Occupancy Chemical Storage Building designs provide more storage flexibility, enhancing the efficiency of the structure over competitive models. Choose from over 25 standard sizes to provide the optimal space for storing your hazardous chemicals or processes.

Designed for occupancy by personnel, DENIOS also provides numerous options to enhance safety, efficiency, and security in all our Occupancy Buildings. DENIOS Chemical Storage Occupancy Buildings carry FM Approval.

Sizes and Styles

- Available in 8, 10 and 12 foot widths with lengths from 8 to 52 feet
- All units are built to accommodate indoor or outdoor placement. Door styles include hinged doors and roll-up doors and can be designed in multiple configurations
- Non-Combustible, fire rated, and temperature controlled models available

Popular Applications

- Process enclosures: Pumping, mixing, dispensing, paint kitchen
- Remote storage: Waste collection, fuel dispensing
- Agricultural chemical storage: Parks and recreation, golf courses
- Secured storage and separation: Toxic, dangerous, valuable materials
- HazMat storage of drums handled by hand
- Fuel component enclosures
- Battery storage & test enclosures
- HHHW - Household hazardous waste

Occupancy Building with optional shelving and door sets for oils and lubricants storage and processing



DENIOS - Leading Supplier of FM Approved Chemical Containment Products.



Applicable Regulations

DENIOS designs its HazMat storage Occupancy Buildings to be compliant with all recognized National Codes and generally accepted national standards.

In addition to federal and local regulations, risk management organizations such as Factory Mutual (FM Global) have developed their own standards.

Most DENIOS HazMat storage Occupancy Buildings for outdoor placement can be shipped bearing the FM approval label.

Industries

- Food
- Automotive
- Pharmaceutical
- Cannabis
- Chemical and Allied
- Building Material
- Warehouse and Distribution

For your further reference

Hazardous materials storage is regulated by EPA at the federal level by the Code of Federal Regulations (40 CFR).

At the state and local level, Fire Codes such as IFC, UFC, NFPA 30 (Storage and Handling of Flammable Liquids), Building Codes (UBC & IBC) and other requirements specific to State and Local jurisdictions may also apply.

Typical local code issues include: wind load, snow load, seismic zone, fire rating and separation of flammable storage from the nearest building.

Due to local code variance and different enforcement philosophies, DENIOS always recommends checking with the local Authority Having Jurisdiction to verify that a specific configuration will comply with local codes.



**Fire Rated designs up to 4-hour,
heating systems for Freeze
Protected**



Introduction to Occupancy
Chemical Storage Buildings



DENIOS Occupancy Building designs include
2- and 4-hour fire rated construction.



This 28 x 8 storage Occupancy Building holds up to 39 drums.
Seen here with optional door sets and integrated shelving package.



Non-Combustible

Your Solution to Securing and Storing Hazardous Chemicals and Processes

Walk-In / Occupancy Buildings are ideal for storing drums and smaller containers when frequent access is required to store, mix or dispense. Once inside, you are able to work with the materials over an internal spill sump.

These Premium non-combustible structures feature solidly welded frame construction and can be fire rated, insulated, heated or cooled as individual requirements dictate.

Maximize your storage capabilities by adding shelving around the perimeter of the Walk-In Occupancy Building to store small containers along with your 55-gallon drums.



DENIOS – Leading Supplier of FM Approved Chemical Containment Products.




Note: 150 MPH construction available for high wind areas. Contact factory for details.



- Vent hoods included
- All units are built to accommodate indoor or outdoor placement
- Hinged Man doors are standard, optional door sets available
- Buildings come ready for placement/use and can be moved via fork truck or crane
- Process enclosures: Pumping, mixing, dispensing, paint mixing rooms
- Remote storage: Waste collection, fuel dispensing
- Secured storage and separation: Toxic, dangerous, valuable materials
- HazMat storage of drums handled by hand
- Fuel component enclosures
- Battery testing enclosures
- Available in 8, 10 and 12 foot widths with lengths from 8 to 52 feet

Contact Us!
For questions about any of your hazardous chemicals storage or processing needs, contact us at:


800-216-7776
info@denios-us.com



16 x 8 storage Occupancy Building can be engineered for the storage of chemicals or housing of chemical processes.



Occupancy Buildings provide compliant secondary containment sumps below a grated surface.

Order number	Total Capacity per Unit (8 Ft Wide 3 Drums Deep)	Floor Load Capacity [psf]	Sump Capacity	Internal Dimensions W x D x H [in]	External Dimensions (vent hoods included) W x D x H [in]	Shipping Weight
L53-0808-U0	9 Drums	250	205	89 x 88.5 x 86	120 x 96 x 108	3,400
L53-1608-U0	21 Drums	250	425	185 x 88 x 86	216 x 96 x 108	5,800
L53-2408-U0	33 Drums	250	646	281 x 88 x 86	312 x 96 x 108	8,300
L53-3208-U0	45 Drums	250	867	377 x 88.5 x 86	408 x 96 x 108	10,700
L53-3608-U0	51 Drums	250	977	425 x 88.5 x 86	456 x 96 x 108	11,900
L53-4408-U0	63 Drums	250	1,198	521 x 88.5 x 86	552 x 96 x 108	14,400
L53-5208-U0	75 Drums	250	1,418	617 x 88.5 x 86	648 x 96 x 108	16,800


2-Hour Fire Rated, 4-Hour Fire Rated, and Hurricane Rated models available.



Engineered Solutions For Your Application

DENIOS Engineering leads the industry in the design and manufacture of customized enclosures designed for the safe storage of chemicals.

We provide solutions for the safe storage of:

- Flammables or flammable / explosive processes
- Acids or caustic chemicals
- Temperature sensitive chemicals, whether for preservation heating / cooling or process heating / cooling
- Completely customized enclosures provide added access for personnel, material handling equipment, or the incorporation of the structure into your existing processes or facilities



Fire rated Occupancy Building with custom door set to improve access.

Contact Us!

For questions about any of your hazardous chemicals storage or processing needs, contact us at:



800-216-7776

info@denios-us.com



Modular buildings are becoming more sophisticated and customized to address hazardous chemical processing applications.



This engineered Occupancy Building for the storage and processing of acids includes personnel showers, material handling crane, manway door and fiberglass grating.

Occupancy Buildings for housing hazardous processes - Process Buildings

With the addition of standard and custom options and engineered construction, DENIOS Occupancy Buildings are frequently utilized to house hazardous processes like pumping, mixing, heating, and dispensing. Designs include 2- and 4-hour fire rated construction as well as damage limited wall panels.

Process Applications include:

- Paint kitchens
- Pumping operations
- Battery testing enclosures
- Fuel component enclosures

DENIOS Engineering provides you:

- A complete understanding of hazardous chemicals and chemical processes
- Expert knowledge of regulations and fire codes
- A technical sales staff and engineering department working with you every step of the way in designing a safe storage solution for your unique application



Customized oil storage unit provides access to drums via forklift as well as a manway.



Occupancy Buildings allow for remote placement, while still providing ample work space for periodic occupancy of personnel.

Smoke / Heat Detectors & Fire Alarms

For the protection of fire proof containers it is important that an early warning system is installed. DENIOS uses certified multi sensors for this purpose. Smoke and fire detection is quick, reliable and can be installed in conjunction with a siren. The alarm system can be connected to the main alarm system.



Temperature Regulators

DENIOS uses the most up-to-date temperature regulators to ensure user friendly programming of required temperatures. The majority of DENIOS regulators can be programmed and adjusted on the main control box on the exterior of the container.



Alarm Lights

In addition to audible alarms, DENIOS can provide alarm lights to work in conjunction with the main alarm system. Thus enhancing the warnings effectiveness to personnel.



Gas Detectors

If poisonous gases are allowed to escape then early detection is a vital requirement. DENIOS can provide gas warning detectors where a pre-set level can be set and when reached an audible or visual alarm or both will occur.



Sprinkler Systems

Sprinkler systems provide extra safety in containers used to store flammable and non-flammable substances. DENIOS offers several types of sprinkler systems. We can provide, standard, heavy foam, powder, Novec or CO2 systems.



Dry Chem systems

Dry Chem systems provide extra safety in containers used to store flammable and non-flammable substances. DENIOS offers a wet or dry system.



Fire Dampers

Where air circulation is required, fire dampers can be installed featuring automatic closing air vent mechanisms. These close automatically as soon as fire is detected, thus cutting off the supply of oxygen to the fire source in the container.



Leak Detector

Leak detectors can be installed in sumps to detect any leakage from container contents. The alarm can be audible, visual or both. Early detection allows prompt action to be taken.



Grating

DENIOS fire proof containers are fitted with galvanized grating as standard. Alternative grating are available: when storing aggressive substances, stainless steel grating or fiberglass grating can be provided.



Cooling

DENIOS engineering provides precise solutions to temperature control, such as cooling units and air conditioning systems. With DENIOS expertise, we always have a solution for your needs.



Special Paint Finishes

DENIOS offers internal as well as external multiple color finishes.



Fire Prevention Air Vents

Where air circulation is required, fan-forced air vents can be installed featuring automatic closing air vent mechanisms. These close automatically as soon as fire is detected, thus cutting off the supply of oxygen to the fire source in the container.



Heating

Many substances require optimal heating to maintain quality. DENIOS provides heating systems using electric or steam heat.



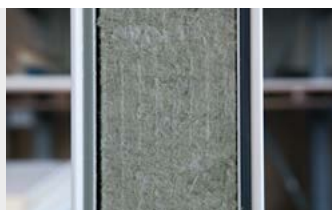
LLDPE and Stainless Steel Sump Liners

When storing acids, alkalis or other aggressive substances, it is recommended that sump liners be installed. These can be manufactured both in PE and stainless steel.



Insulation

The walls of our HazMat insulated system containers guard against loss of energy, temperature and frost damage. DENIOS uses different types of material ranging from a thickness of 60 to 125 mm.



Grounding Kits

Grounding kits are required to avoid an electric discharge between the container and other conductive units. All DENIOS HazMat containers can be fitted with an accessory to avoid discharges. These are highly recommended for containers storing explosive materials.



On-site Service Analysis of Your DENIOS Products

- Detailed overview of your active DENIOS products including photo documentation
- Simplified procurement of replacement parts
- Shorter reaction times when service is needed
- Reduction of costs and unplanned downtime
- Recommendations for prescribed maintenance schedules depending on product type
- Annual service contracts available



! The cost for our services will be all-inclusive. There will be no hidden fees.

Spill & Flood Barrier Installation

Let us help to install your spill or flood barrier with our trained professionals. It is important to get it right from the start. From our initial design, to production and installation we are here to make it right.

Our onsite installation includes:

- Concrete/grout work around the barrier to ensure it is setup properly
- Product performance testing for quality control
- Maintenance training on how your new barrier deploys and how to reset it properly



Do you know if your DENIOS product needs to be inspected?

800-216-7776

Just ask us!



Transportation and Delivery

Your new DENIOS building will be delivered to your site safely and on time. Our team will work with you to understand the unique needs of your site and delivery.

We offer:

- Offloading of the building
- Placement and anchoring
- Rigging services
- Forklift rental



Building Installation and Assembly Services

DENIOS is your partner through the entire process of putting your new building into service. We want to make sure everything is properly installed to minimize downtime and meets your needs.

We offer the following services:

- Electric and HVAC hookup
- Fire suppression commissioning
- Concrete foundations and/or piers/slab for all DENIOS buildings

Call one of our trained experts for any of your service needs.





- These Non-Combustible designs with 150 mph Wind Rating provide secure, spill contained storage for 1-2 IBC Totes
- Provides a spill compliant sump, meeting EPA and UFC requirements
- FM Approved - Class 6049
- Lockable hinged doors provide full face opening, easing material handling in and out of the locker
- Full-face opening eases access for material handling
- Built to carry higher loads from IBCs

Non-Combustible IBC Storage Locker - 150 mph Construction



**Comprehensive and worry-free.
Service & maintenance from DENIOS.
Request more information now!**

» www.denios-us.com/expertise-advice



Non-Combustible Designs provide secure, spill contained storage for 1-2 IBC Totes, Order no. P19-2055-U0



DENIOS – Leading Supplier of FM Approved Chemical Containment Products.



Note: Two 13" vent hoods ship unattached but are included in length dimension.



Lockers come in 150 MPH Hurricane Rated Design.


Order number	Total Capacity per Unit (Drums/IBCs)	External Dimensions (vent hoods included) W x D x H [in]	Bay Dimensions W x D x H (in)	Door Type	Door Opening Width [in]	Door Opening Height [in]	Shipping Weight [lbs]	Load Capacity per Bay [lbs]	Sump Capacity [gal]
P19-2050-U0	1 IBC	99 x 70 x 100	87 x 61 x 61	HD	54	80	2,300	5,000	506
P19-2055-U0	2 IBCs	153 x 70 x 88	121 x 61 x 64	HD	54	80	2,900	10,000	501

- Locker options include: dry chemical fire suppression system, 1.8 or 3.6 kw electric heater with R-10 insulation, 14,000 BTU air conditioner with R-10 insulation, exterior light (500 W) with photo eye, fiberglass grating and poly sump liner for storing acids and corrosives

- Choose between Blue, Tan, or White
- Custom colors available upon request and for an additional fee

2-Hour Fire Rated IBC Storage Locker - 150 mph Construction

Contact Us!
 For questions about any of your
 hazardous chemicals storage or
 processing needs, contact us at:


800-216-7776
info@denios-us.com



Lockers for 1-2 IBC, 2-hour fire rated design is constructed with UL Approved firewalls.
 Roll-up doors includes fuse link and will automatically close in case of fire.
 Order no. P19-2150-U0

Order number	Total Capacity per Unit (Drums/IBCs)	External Dimensions (vent hoods included) W x D x H [in]	Bay Dimensions W x D x H (in)	Door Type	Door Opening Width [in]	Door Opening Height [in]	Shipping Weight [lbs]	Load Capacity per Bay [lbs]	Sump Capacity [gal]
P19-2150-U0	1 IBC	99 x 81 x 117	55 x 56 x 71	RD	53	60	3,900	5,000	438
P19-2155-U0	2 IBCs	153 x 81 x 102	112 x 56 x 71	RD	108	60	5,200	10,000	423



Non-Combustible Drum Storage Locker – 150 mph Construction

- The DENIOS Non-Combustible N-Series Locker lines provides a wide range of storage capacities (2-14 drums) with numerous options
- Made of durable 11-gauge welded, steel and 150 mph construction
- Provides a spill containment sump, meeting EPA and UFC requirements
- FM Approved - Class 6049
- Lockable, hinged doors with inside release provides added safety
- All models come standard with galvanized grating above a spill compliant sump, passive ventilation, exterior grounding lug, anchoring point, NFPA 704 placard
- Choose between Blue, Tan, or White painted finished
- Custom colors also available upon request and for an additional fee
- Locker Options include ramp and shelves, water sprinkler, fire bottle (FE-241), dry chemical fire suppression system, 1.8kw and 3.6kw electric heater with R-10 insulation, 14,000 BTU air conditioner with R-10 insulation, interior light (300W) with fan (350 CFM), exterior light (500W) with photo eye, fiberglass grating and poly sump liner for storing acids and corrosives

Non-Combustible 4 Drum Locker
Order no. N05-3109-U0



Note: Two 13" vent hoods ship unattached but are included in length dimension.



FM
APPROVED

DENIOS – Leading Supplier of FM Approved Chemical Containment Products.



Lockers come in 150 MPH Hurricane Rated Design.

Order number	Total Capacity per Unit (Drums/IBCs)	No. of Doors	External Dimensions (vent hoods included) W x D x H [in]	Bay Dimensions W x D x H (in)	Door Opening Width [in]	Door Opening Height [in]	Shipping Weight [lbs]	Load Capacity per Bay [lbs]	Sump Capacity [gal]
N05-3104-U0	2 Drums	1	96 x 58 x 98	61 x 49 x 82	54	80	1,700	1,200	96
N05-3109-U0	4 Drums	1	96 x 70 x 98	64 x 61 x 82	54	80	1,900	2,400	121
N05-3115-U0	6 Drums	1	118 x 70 x 98	86 x 61 x 82	54	80	2,400	3,600	162
N05-3120-U0	8 Drums	1	143 x 70 x 98	111 x 61 x 82	54	80	2,900	4,800	209
N05-3130-U0	10 Drums	2	168 x 70 x 98	136 x 61 x 82	54	80	3,400	6,000	256
N05-3135-U0	12 Drums	2	193 x 70 x 98	161 x 61 x 82	54	80	3,800	7,200	304
N05-3140-U0	14 Drums	2	236 x 70 x 98	204 x 61 x 82	54	80	5,100	8,400	388

2-Hour Fire Rated Drum Storage Locker – 150 mph Construction

Our fire rated N-Series Lockers provide 2-hour fire rated construction with a variety of options and capacities of 2-14 drums.

- Constructed with 2-hour rated firewall design
- Complies with fire rating requirements for storage of flammables within 10 feet of your facility
- Provides a spill compliant sump, meeting EPA and UFC requirements
- FM approved
- Lockable, hinged doors with inside release provides added safety

Optional Accessory

Ramp

- Ramp secures to doors sill without effecting door performance



Ramp,
Order no. N05-3910-U0

Ramp for N-Series Lockers secures to door sill without effecting door performance



14 drum, 2-hour fire rated design features three door sets to ease material handling,
Order no. N05-4140-U0

Optional Accessory

Shelving Packages	Order number
Shelving for 2-4 Drum Locker	N05-7271-U0
Extra Shelf for 2-4 Drum Locker	N05-7272-U0
Shelving for 6-8 Drum Locker	N05-7273-U0
Shelving for 10-14 Drum Locker	N05-7275-U0
Extra Shelf for 10-14 Drum Locker	N05-7276-U0

Order number	Total Capacity per Unit (Drums/IBC's)	No. of Doors	External Dimensions (vent hoods included) W x D x H [in]	Bay Dimensions W x D x H (in)	Door Opening Width [in]	Door Opening Height [in]	Shipping Weight [lbs]	Load Capacity per Bay [lbs]	Sump Capacity [gal]
N05-4104-U0	2 Drums	1	96 x 58 x 98	54 x 41 x 81	52	79	3,000	1,200	77
N05-4109-U0	4 Drums	1	96 x 70 x 98	54 x 50 x 81	52	79	3,400	2,400	99
N05-4115-U0	6 Drums	1	118 x 71 x 98	75 x 50 x 81	52	79	4,000	3,600	125
N05-4120-U0	8 Drums	1	143 x 71 x 98	100 x 50 x 81	52	79	4,800	4,800	165
N05-4130-U0	10 Drums	2	168 x 71 x 98	125 x 50 x 81	52	79	6,400	6,000	205
N05-4135-U0	12 Drums	2	193 x 71 x 98	150 x 50 x 81	52	79	6,400	7,200	245
N05-4140-U0	14 Drums	2	236 x 71 x 98	193 x 50 x 81	52	79	7,900	8,400	315


\$ 3,485.00

Order no. K17-3503-U0

DENIOS HazMat Stations are designed to provide a safe, secure environment for storage, dispensing, and mixing of small volumes of chemicals. Featuring a weather-proof, lockable hinged lid and doors, they provide personnel easy access to the tops of drums and other stored chemicals for dispensing and mixing operations. When dispensing, any spills or drips are contained by a built-in, compliant spill sump.



Gas cylinder supported lid lifts to allow access to drum tops for attachment of pumps. Closes easily for secured, weather-tight storage.


\$ 3,115.00

Order no. K17-3502-U0

HazMat Station for 2 Drums

- Enclosed HazMat Stations are complete with lockable, hinged lid and doors
- For access to tops of drums, lid lifts easily and is supported by heavy duty gas cylinders
- Solidly welded steel construction for extended life
- Sump welds are 100% inspected with a low-viscous test to insure leaktightness
- 66 Gallon Sump volumes meet EPA & UFC requirements
- Passive ventilation is standard
- Coated with a durable, corrosion and weather resistant finish
- Removable galvanized steel grating for easy clean-up
- Four-way forkliftable
- SPCC Compliant



Storage Capacity	2 Drum	4 Drum
External Dimensions W x D x H [in]	54 x 34 x 55	56 x 56 x 55
Sump Capacity [gal]	66	66
Total Load Capacity [lbs]	1,200	2,400
Shipping Weight [lbs]	425	585
Order number	K17-3502-U0	K17-3503-U0
Price / Each	\$ 3,115.00	\$ 3,485.00

- Optional shelving packages provide efficient, secured exterior storage for smaller containers
- Add drum cradles to create a mixing and dispensing station which provides compliant spill containment



\$ 3,307.00

Order no. K17-3745-U0

4 Drum HazMat Station with half width shell package



\$ 3,525.00

Order no. K17-3743-U0

4 Drum HazMat Station with half width shell package and drum cradle



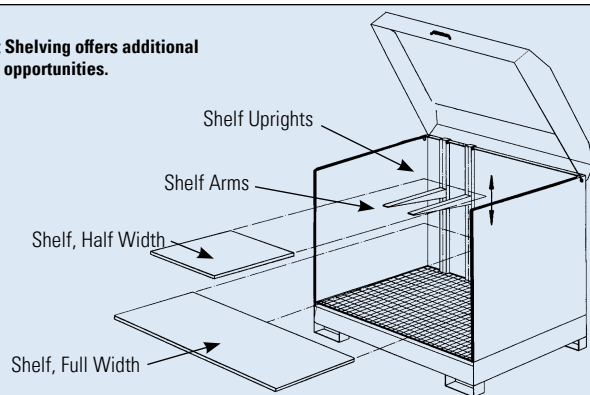
\$ 3,499.00

Order no. K17-3741-U0

4 Drum HazMat Station with full width shell package and full width shelf adder

HazMat Shelving

HazMat Shelving offers additional storage opportunities.

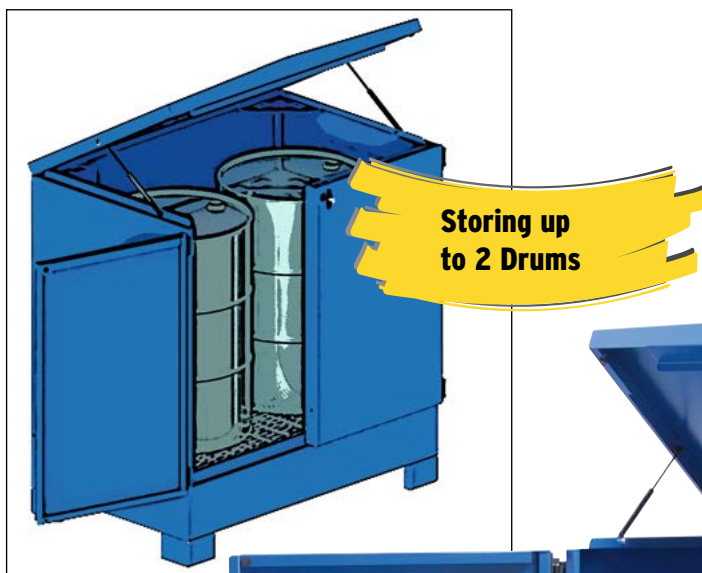


Version	Half Width Shelf Package	Half Width Shelf Adder
Contents	1 Pair Shelf Arms1 Pair Shelf Uprights	1 Pair Shelf Arms
External Dimensions W x D [in]	23 x 18.5	23 x 18.5
Shipping Weight [lbs]	60	50
Order number	K17-3701-U0	K17-3702-U0
Price / Item(s)	\$ 282.00	\$ 152.00

Version	Full Width Shelf Package	Full Width Shelf Adder
Contents	1 Pair Shelf Arms1 Pair Shelf Uprights	1 Pair Shelf Arms
External Dimensions W x D x H [in]	46 x 18.5 x	46 x 18.5 x
Shipping Weight [lbs]	90	80
Order number	K17-3711-U0	K17-3712-U0
Price / Item(s)	\$ 318.00	\$ 181.00

Enclosed HazMat Station for 2 Drums

DENIOS HazMat Stations are designed to provide a safe, secure environment for storage of hazardous materials. Featuring a weather-proof, lockable hinged lid and doors, they provide personnel easy access to the tops of drums and other stored chemicals for dispensing and mixing operations. When dispensing, any spills or drips are contained by a built-in, compliant spill sump.



- Modern Design while using most up to date production methods
- Extremely stable design for long life use through many years
- Hinged Doors with Safety Lock
- Four-way forkliftable
- Sealed sump in the bottom of the HazMat station, 100% inspected with a low-viscous test to insure leaktightness
- For direct access to tops of drums, lid lifts easily and is supported by heavy duty gas cylinders
- Meet EPA & UFC requirements, SPCC Compliant
- Passive ventilation is standard
- Coated with a durable, corrosion and weather resistant finish
- Removable galvanized steel grating for easy clean-up
- Available for storing 2 or 4 Drums or small Containers



**COMING SPRING 2020 -
Call for Details**

Price on request



Enclosed HazMat Station for 2 Drums,
Order no. K17-4500-U0

Storage Capacity	2 Drums
External Dimensions W x D x H [in]	54 x 35 x 58
Internal Dimensions W x D x H [in]	53.9 x 32 x 40.3
Sump Capacity	66
Total Load Capacity	1,200
Shipping Weight	415
Order number*	K17-4500-U0

*COMING SPRING 2020 - Call for Details

Spill Containment Pallets



From page
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Enclosed HazMat Station storing small containers on two levels, Order no. K17-4501-U0



Enclosed HazMat Station storing small containers on three levels, Order no. K17-4502-U0

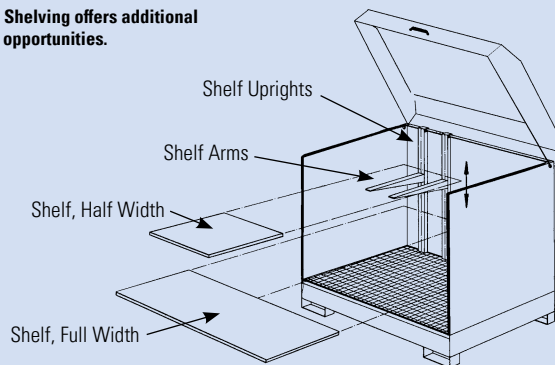


Enclosed HazMat Station for 2 Drums



Enclosed HazMat Station for storing 2 drums directly on the grating or together with a pallet

HazMat Shelving offers additional storage opportunities.



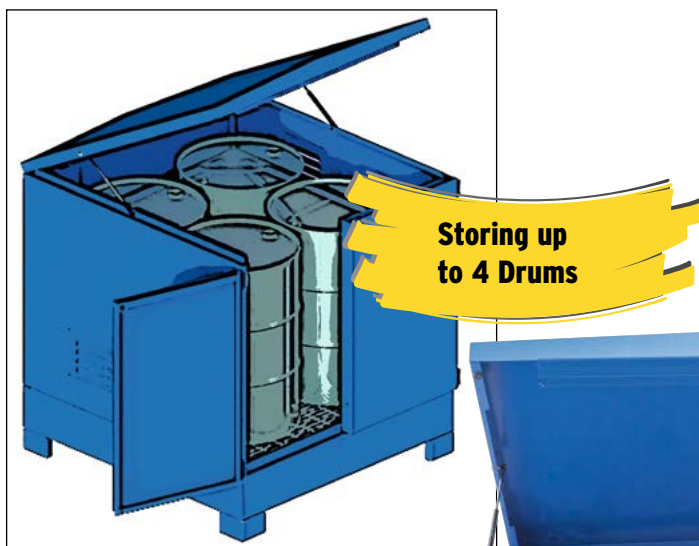
Product Description	Shelf, Half Width, Package	Shelf, Half Width, Adder
External Dimensions W x D [in]	23 x 18.5	23 x 18.5
Total Load Capacity [lbs]	265	265
Shipping Weight [lbs]	60	45
Order number	K17-4510-U0	K17-4511-U0

Product Description	Shelf, Full Width, Package	Shelf, Full Width, Adder
External Dimensions W x D [in]	46 x 18.5	46 x 18.5
Total Load Capacity [lbs]	530	530
Shipping Weight [lbs]	110	95
Order number	K17-4515-U0	K17-4516-U0

Enclosed HazMat Station for 4 Drums

DENIOS HazMat Stations are designed to provide a safe, secure environment for storage of hazardous materials. Featuring a weather-proof, lockable hinged lid and doors, they provide personnel easy access to the tops of drums and other stored chemicals for dispensing and mixing operations. When dispensing, any spills or drips are contained by a built-in, compliant spill sump.

- Modern Design while using most up to date production methods
- Extremely stable design for long life use through many years
- Hinged Doors with Safety Lock
- Four-way forkliftable
- Sealed sump in the bottom of the HazMat station, 100% inspected with a low-viscous test to insure leaktightness
- For direct access to tops of drums, lid lifts easily and is supported by heavy duty gas cylinders
- Meet EPA & UFC requirements, SPCC Compliant
- Passive ventilation is standard
- Coated with a durable, corrosion and weather resistant finish
- Removable galvanized steel grating for easy clean-up



i COMING SPRING 2020 -
Call for Details

Price on request

Enclosed HazMat Station for 4 Drums,
Order no. K17-4505-U0

Storage Capacity	4 Drums
External Dimensions W x D x H [in]	54.0 x 57.0 x 58.0
Internal Dimensions W x D x H [in]	53.9 x 54.0 x 40.3
Sump Capacity	66
Total Load Capacity	2,400
Shipping Weight	575
Order number*	K17-4505-U0

*COMING SPRING 2020 - Call for Details

Safety Cans

See page
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Enclosed HazMat Station for storing small containers, plus drum cradle for one horizontal drum, Order no. K17-4507-U0



Enclosed HazMat Station storing small containers together with 2 drums, Order no. K17-4506-U0

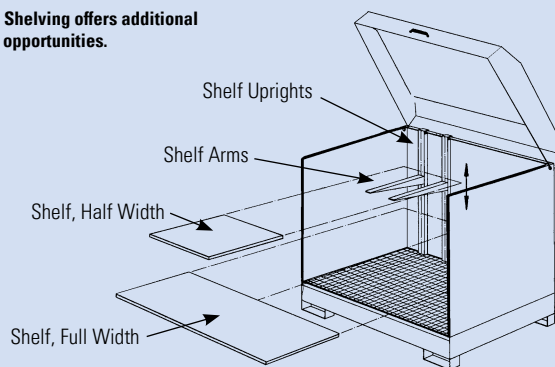


Enclosed HazMat Station for 4 Drums



Enclosed HazMat Station for storing 4 drums directly on the grating or together with a pallet

HazMat Shelving offers additional storage opportunities.



Product Description	Shelf, Half Width, Package	Shelf, Half Width, Adder
External Dimensions W x D [in]	23 x 18.5	23 x 18.5
Total Load Capacity [lbs]	265	265
Shipping Weight [lbs]	60	45
Order number	K17-4510-U0	K17-4511-U0

Product Description	Shelf, Full Width, Package	Shelf, Full Width, Adder
External Dimensions W x D [in]	46 x 18.5	46 x 18.5
Total Load Capacity [lbs]	530	530
Shipping Weight [lbs]	110	95
Order number	K17-4515-U0	K17-4516-U0



from \$ 1,125.00

PolySafe Depot with shelf, allowing safe storage of small containers

PolySafe Depots

DENIOS Environmental PolySafe Depots allow you to store non-flammable liquids like Oil, Lubricants and Coolants as well as aggressive bases or acids. Use them to ensure the safe, legally compliant storage of water-polluting and aggressive liquids.



PolySafe Depots can also be used as a dispensing station



PolySafe Depot, allowing safe storage of up to 2 drums (55 gal.)

Storage Capacity	Small Containers	2 Drums
Included in delivery	3 Shelf System with trays	Poly grid
External Dimensions W x D x H [in]	61.5 x 42.6 x 78	61.5 x 42.6 x 78
Internal Dimensions W x D x H [in]	53.9 x 35.8 x 59	53.9 x 35.8 x 59
Sump Capacity	66	66
Total Load Capacity	1,665	1,760
Shipping Weight	381	276
Order number	K22-0540-U0	K22-0545-U0
Price / Item(s)	\$ 1,375.00	\$ 1,125.00
Accessories		
Mounting Kit		
Order number	K22-0551-U0	K22-0551-U0
Price / Item(s)	\$ 48.00	\$ 48.00

- For the safe storage of water-polluting and aggressive liquids
- High chemical resistance because of manufactured entirely from environmentally friendly polyethylene
- Modern design with housing in gray and hinged double wing doors blue
- The transparent pocket in the door can be used for storing safety data sheets, protective gloves, or goggles for example
- Doors with safety lock
- Corrosion free, weather resistant and stable

- Integrated spill pallet
- Integrated forklift pockets
- Choose between models for 2 or 4 drums, 1 IBC or small containers stored in a shelf



PolySafe Depots come with Safety Lock and T-Handle



The transparent pocket in the door can be used for storing Safety data Sheets, protective gloves, or goggles for example



Storage Surface for easy and safe storage of Drums and IBC Containers



PolySafe Depot, allowing safe storage of up to 4 drums (55 gal.)



PolySafe Depot, allowing safe storage of 1 IBC Container

Storage Capacity		4 Drums or 1 IBC
Included in delivery		Storage Surface
External Dimensions W x D x H [in]		61.5 x 61.1 x 91.8
Internal Dimensions W x D x H [in]		53.9 x 52.3 x 59
Sump Capacity		275
Total Load Capacity		4,410
Shipping Weight		431
Order number		K22-0550-U0
Price / Item(s)		\$ 2,125.00
Accessories		Mounting Kit
Order number		K22-0551-U0
Price / Item(s)		\$ 48.00

Poly Hazard & Job Huts

- Constructed from rugged, UV resistant polyethylene
- The one-piece molded frame is weather proof, while the hinged doors are lockable for added security
- Molded-in passive venting reduces fumes
- Four-way forkliftable
- Removable grates cover the sump for easy cleaning
- Optional ramp for easy loading

Hazard Hut can store 4 Drums

The Solution to your indoor storage problem is Outdoor Containment. When floor space is unavailable indoors, take your hazardous materials outdoors with Hazard Hut



Hazard Hut can store 4 Drums

Version	Hazard Hut
Storage Capacity	4 Drums
External Dimensions W x D x H [in]	72 x 64 x 72
Internal Dimensions W x D x H [in]	53.8 x 53.8 x 52.2
Sump Capacity [gal]	72
Total Load Capacity [lbs]	4,000
Shipping Weight [lbs]	250
Order number	M76-1166-U0
Price / Item(s)	\$ 1,859.00
Accessories	Ramp
Order number	M76-1167-U0
Price / Item(s)	\$ 644.00



Compliant storage and containment for 55-gallon drums in reference to EPA 40 CFR 264, 175, SPCC, NPDES and UFC regulations

Job Hut can store and dispense up to 8 drums

If access, efficiency, and a large storage area are what you need then Job Hut™ is your answer. An extra large surface area allows for storage of eight (2 x 4) 55-gallon drums right on their pallets! The low profile design allows for easy access, and is forkliftable from all sides for effortless handling.



Job Hut can store and dispense up to 8 drums

Version	Job Hut
Storage Capacity	up to 8 Drums
External Dimensions W x D x H [in]	85.5 x 61.5 x 94
Internal Dimensions W x D x H [in]	70 x 51 x 82
Sump Capacity [gal]	72
Total Load Capacity [lbs]	8,000
Shipping Weight [lbs]	452
Order number	K22-0535-U0
Price / Item(s)	\$ 3,676.00
Accessories	Ramp
Order number	M76-1381-U0
Price / Item(s)	\$ 242.00

Optional Accessory

Ramp for Hazard Hut

- Easily load drums into your Hazard Hut by hand truck with this durable ramp
- It has wheels to roll into place, integrally molded handles, an ergonomic 10 degree slope, and non-skid surface.



Ramp, Order no. M76-1167-U0, \$ 644.00

Ramp for Job Hut

- Easily load a variety of containment products with a hand truck with this handy ramp
- The textured surface prevent slips, while the ergonomic design is easy to lock in place or remove for storage.



Ramp, Order no. M76-1381-U0, \$ 242.00

Drum Depots with Roll-Up-Door

Drum Depots with Roll-Up-Door are a sturdy, ideal solution for indoor & outdoor storage of up to four (4) 55-gallon drums. These uniquely engineered, roll-top cover designed Spillpallets allow for ample use in limited space or next to buildings where swing-doors would be a problem. Extended vertical space allows for continued use of drum pumps and funnels.

from \$ 1,195.00



Drum Depot for 2 Drums

Storage Capacity	2 Drums (55 gal)	4 Drums (55 gal)
External Dimensions W x D x H [in]	60 x 37.3 x 72.8	65 x 58 x 69
Internal Dimensions W x D x H [in]	51 x 30 x 52	49 x 54 x 53.5
Sump Capacity [gal]	58	66
Shipping Weight [lbs]	222	300
Order number	K22-0525-U0	K22-0530-U0
Price / Item(s)	\$ 1,195.00	\$ 1,355.00
Order number Poly Ramp	M76-1377-U0	M76-1377-U0
Price / Item(s)	\$ 280.00	\$ 280.00
Order number Poly Ramp Extender	K22-0526-U0	—
Price / Item(s)	\$ 81.00	—

- EPA 40 CFR 264, 175, SPCC, NPDES and UFC Regulations
- Weatherproof for the harshest conditions
- Lockable Door for added security (Lock not included)
- Optimal height for drum dispensing advantage
- Removable grates for easy cleaning
- Ships unassembled to save on freight



Drum Depot for 4 Drums, shown with optional Ramp

Safety Packs

This tough, indoor/outdoor performer protects two (2) 55-gallon drums while containing leaks with a 130-gallon sump capacity. Security locks are included to secure the covers and contents.

- Tough, chemically resistant poly design is UV protected
- 100% polyethylene has excellent resistance to chemicals and weather
- Unique gull-wing covers provide easy drum access and removal
- Translucent sidewalls allow for an immediate view of liquids so you won't need to open the lids to see if there has been a leak
- Easy handled by forklift from two sides

Version	SafetyPack Low	SafetyPack High
External Dimensions W x D x H [in]	60.5 x 35 x 46.5	60.5 x 35 x 63.3
Internal Dimensions W x D x H [in]	52.4 x 26.3 x 37	51.3 x 26.3 x 54.3
Total Load Capacity [lbs]	1,200	1,200
Shipping Weight [lbs]	107	140
Order number - w/o Drain	M76-1154-U0	M76-1155-U0
Price / Item(s)	\$ 793.00	\$ 924.00
Order number - w/ Drain	M76-1554-U0	M76-1555-U0
Price / Item(s)	\$ 1,139.00	\$ 1,313.00



Safety Pack High, for storing and dispensing

from \$ 793.00

Safety Pack Low, for storing two drums

Fire-rated Safety Cabinets



IT CAN HAPPEN TO ANYONE

Many different dangers exist when handling hazardous materials. The use of hazardous and combustible materials is part of the daily routine in most laboratories and industries and is unavoidable. What is often quickly forgotten in daily handling: the improper storage of such materials puts people, the environment and property in danger.

- Fires and explosions caused, for example, by the improper storage of combustible liquids
- Pollution of soil, groundwater and surface water, for example, by contaminated fire fighting water or leakages
- Downtimes, for example, due to laboratories destroyed by fires
- Endangerment to human life

These Fire-rated Safety Cabinets are furnace tested type-tested according to the world's most stringent testing standard EN 14470-1 providing a fire resistance of 90 minutes (Type 90). These cabinets are additionally tested in accordance with UL/ULC 1275 and FM standard 6050 (depending on the model), creating the world's first triple certified flammable cabinets.

These Safety Cabinets provide additional safety whenever extended evacuation times are necessary and may qualify as mobile high hazard rooms (subject to AHJ approval)



KEY BENEFITS

- 90 minutes of fire resistance
- Approved and certified EN 14470-1, EN 16121/16122, GS, FM 6050 and UL 1275 and meeting the requirements of the NFPA Code 30, NFPA 1 Fire Code, and OSHA.
- Constructed by using special fire resistant plates and/or multiple layers of fire-proof mineral fibre insulation material (calcium sulphate).
- All gaps become totally sealed between doors and frame. Special intumescent seal protection strips which, when exposed to a fire, expand and seal hermetically to avoid heat entering the cabinet.
- Self-closing doors in the event of a fire
- Doors left open or those featuring a door open arrest system have to close safely in the event of a fire at 104 °F and at the latest of 122 °F (approx.)
- Self-closing ventilation openings (in the event of a fire) to close safely, latest at 158 °F
- Under fire conditions, intumescent strips expand and hermetically seal all gaps to reduce heat entering the cabinet

Flammable Underbench Cabinets

These safety cabinets are independently fire tested and approved by UL, tested and ensure compliance with the most stringent safety regulations and quality standards for the storage of flammable liquids. Tested for long life: 50,000 wear-free open/close operations.

The cabinets conform to the requirements of the NFPA 30 and NFPA 1 codes, as well as OSHA. They also meet the fire testing regulations of EN 14 470-1. In addition to conforming to construction specifications and labeling requirements, the cabinets must pass rigorous test protocols.

With fulfilment to all these standards and codes, the cabinets provide a safe, secure storage of flammable and combustible liquids, and as a result, minimize the risk of fire.

- UL / ULC 1275 listed
- Safe Storage of flammable liquids with 90-minutes of protection, tested according to EN 14470-1
- Outer body and doors/drawers made of sheet steel, light gray
- Easy handling with comfort: doors and drawer can be opened with minimal effort
- Doors and drawers are self-closing and self-sealing in the event of fire
- Doors and drawers are lockable with cylinder locking and locking state indicator



90 Minutes Fire Rated



Safety Cabinet, Under Counter used, with hinged doors,
Order no. M31-8035-U0



Safety Cabinet, Under Counter used, with 2 hinged doors,
Order no. M31-8055-U0



Safety Cabinet, Under Counter used, with drawer,
Order no. M31-8025-U0



Safety Cabinet, Under Counter used, with drawer,
Order no. M31-8045-U0



Castors for easy moving of the cabinet

Capacity	8 gal	8 gal	17 gal	17 gal
Version	with hinged door	with drawer	with hinged door	with drawer
External Dimensions W x D x H [in]	23.4 x 22.6 x 23.6	23.4 x 22.6 x 23.6	43.4 x 22.6 x 23.6	43.4 x 22.6 x 23.6
Internal Dimensions W x D x H [in]	18.5 x 17.8 x 19.8	18.5 x 17.8 x 19.8	38.5 x 17.8 x 19.8	38.5 x 17.8 x 19.8
Sump Capacity [gal]	3.0	3.0	7.1	7.1
Total Load Capacity	660	660	660	660
Shipping Weight [lbs]	286	275	438	440
Order number	M31-8035-U0	M31-8025-U0	M31-8055-U0	M31-8045-U0
Price / Item(s)	\$ 1,875.00	\$ 1,923.00	\$ 2,490.00	\$ 2,391.00

Fire-Rated Safety Cabinets

These safety cabinets are independently fire tested and approved by FM Approvals, tested and ensure compliance with the most stringent safety regulations and quality standards for the storage of flammable liquids. Tested for long life: 50,000 wear-free open/close operations.

The cabinets conform to the requirements of the NFPA 30 and NFPA 1 codes, as well as OSHA. They also meet the fire testing regulations of EN 14 470-1. In addition to conforming to construction specifications and labeling requirements, the cabinets must pass rigorous test protocols.

With fulfilment to all these standards and codes, the cabinets provide a safe, secure storage of flammable and combustible liquids, and as a result, minimize the risk of fire.



DENIOS offers Storage Cabinets which meet the FM 6050 test standard and have the maximum protection while fire rated up to 90 minutes, according to EN 14470-1.



Easy to open and safe self-closing wing doors



Visual control of the exhaust air function



Height adjustable tray shelves



Chemical resistant inner surface of the cabinet



Leak tight welded bottom collecting sump with perforated insert useable as storage level



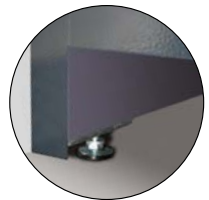
Doors safely lockable with cylinder lock



Extremely robust design with scratch- and impact-resistant surface, easy to clean.



Durable labelling conformal to FM, UL and EN



Levelling feet for easy alignment of the cabinet



- FM 6050 approval and UL / ULC listed
- Safe Storage of flammable liquids with 90-minutes of protection, tested according to EN 14470-1
- Scratch- and impact-resistant surface; easy to clean
- Body color Anthracite Gray, with wing doors in Warning Yellow
- Self-sealing doors and self-closing vent connections in the event of a fire for absolute protection of stored flammables and minimization of fire risk

- Easy in-house transport - integrated transport base with optionally available base cover
- Integrated air ducts ready for connection (Ø 3") to a technical exhaust system
- Standard interior equipment with 3 tray shelves, 1 perforated insert, 1 bottom collecting sump (sheet steel powder-coated)

90 Minutes Fire Rated



Safety Cabinet, 23.6 in width,
Order no. M31-8015-U0, \$ 3,361.00



Safety Cabinet, 34.2 in width,
Order no. M31-8005-U0, \$ 3,922.00



\$ 4,058.00

Order no. M31-8020-U0

Safety Cabinet, 47 in width

Capacity	25 gal	50 gal	75 gal
External Dimensions W x D x H [in]	23.6 x 24.2 x 76.9	35.2 x 24.2 x 76.9	47.0 x 24.2 x 76.9
Internal Dimensions W x D x H [in]	17.7 x 20.5 x 64.8	29.5 x 20.5 x 64.8	41.3 x 20.5 x 64.8
Sump Capacity [gal]	5.8	5.8	8.7
Total Load Capacity [lbs]	1,323	1,323	1,323
Shipping Weight [lbs]	704	900	1,091
Order number	M31-8015-U0	M31-8005-U0	M31-8020-U0
Price / Item(s)	\$ 3,361.00	\$ 3,922.00	\$ 4,058.00
Additional Equipment			
Order number Base Cover	M31-8018-U0	M31-8006-U0	M31-8011-U0
Price / Item(s)	\$ 25.00	\$ 28.00	\$ 35.00
Order number Tray Shelf	M31-8017-U0	M31-8007-U0	M31-8012-U0
Price / Item(s)	\$ 46.00	\$ 53.00	\$ 53.00

Falcon Safety Cans



See page
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Flammable Safety Cabinets



4 Gallon Storage Cabinet, Order no. M31-4150-U0

- Sturdy all welded double wall, steel construction
- Choose from manual or self-closing doors
- 2" wide louvers support shelves, adjustable on 4" centers
- 2" deep leak proof sump
- Safely contains hazardous chemicals, reducing the risk of fire
- Improved security with recessed lockable paddle latch and 3 point locking system
- 2" bunged air vents with flame arrestors on each side of the cabinet allows for ventilation
- Painted in safety yellow powder coat finish

Go online! Discover even more exciting product highlights!
www.denios-us.com/shop



12 Gallon Storage Cabinet with legs,
Order no. M31-4112-U0



16 Gallon Storage Cabinet,
Order no. M31-4021-U0

	4 gallon	12 gallon	12 gallon	16 gallon	16 gallon
Version	w/o Legs	w/o Legs	w Legs	w/o Legs	w Legs
External Dimensions W x D x H [in]	17.5 x 18 x 22.5	23 x 18 x 35	23 x 18 x 39	23 x 18 x 44	23 x 18 x 48
Internal Dimensions W x D x H [in]	14.5 x 15 x 19.5	20 x 15 x 32	20 x 15 x 32	20 x 15 x 41	20 x 15 x 41
No. Of Shelves	1	1	1	1	1
Shipping Weight	99	158	187	190	209
Order number Self-Closing	M31-4151-U0	M31-3912-U0	M31-4112-U0	M31-4020-U0	M31-4116-U0
Price / Item(s)	\$ 420.00	\$ 423.00	\$ 462.00	\$ 497.00	\$ 523.00
Order number Manual	M31-4150-U0	M31-4010-U0	M31-4113-U0	M31-4021-U0	M31-4117-U0
Price / Item(s)	\$ 366.00	\$ 384.00	\$ 423.00	\$ 455.00	\$ 482.00

Safety Cans

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30 Gallon Storage Cabinet,
Order no. M31-3932-U0



90 Gallon Storage Cabinet,
Order no. M31-4060-U0

	30 gallon	30 gallon	45 gallon	45 gallon
Version	w/o Legs	w Legs	w/o Legs	w Legs
External Dimensions W x D x H [in]	43 x 18 x 44	43 x 18 x 48	43 x 18 x 65	43 x 18 x 69
Internal Dimensions W x D x H [in]	40 x 15 x 41	40 x 15 x 41	40 x 15 x 62	40 x 15 x 62
No. Of Shelves	1	1	2	2
Shipping Weight	288	307	398	418
Order number Self-Closing	M31-4030-U0	M31-4131-U0	M31-4035-U0	M31-4146-U0
Price / Item(s)	\$ 747.00	\$ 785.00	\$ 1,036.00	\$ 1,074.00
Order number Manual	M31-3932-U0	M31-4130-U0	M31-3947-U0	M31-4145-U0
Price / Item(s)	\$ 663.00	\$ 701.00	\$ 952.00	\$ 990.00

	60 gallon	60 gallon	90 gallon	90 gallon
Version	w/o Legs	w Legs	w/o Legs	w Legs
External Dimensions W x D x H [in]	31.25 x 31.25 x 65	31.25 x 31.25 x 69	43 x 34 x 65	43 x 34 x 69
Internal Dimensions W x D x H [in]	30.7 x 29 x 62	28 x 28 x 62	40 x 31 x 62	31 x 62 x
No. Of Shelves	2	2	2	2
Shipping Weight	332	524	562	594
Order number Manual, Double Doors	M31-4055-U0	M31-4160-U0	M31-4060-U0	M31-4190-U0
Price / Item(s)	\$ 1,344.00	\$ 1,107.00	\$ 1,278.00	\$ 1,346.00
Order number Self Closing, Double Doors	M31-4056-U0	M31-4161-U0	M31-4061-U0	M31-4191-U0
Price / Item(s)	\$ 1,489.00	\$ 1,219.00	\$ 1,389.00	\$ 1,458.00

Drum Cabinets

- Complies with NFPA Code 30 and OSHA
- Double-walled construction with 1 1/2" air space using 18 gauge steel
- Internal and external weldet construction
- 2" raised, leakproof sill
- Four leveling legs
- Ground connection
- Adjustable steel shelves holds 350 lbs

- Self-latching door with three point latch system
- Flush mounted door handle with key lock
- Vents, with 2" threaded fitting, include fire baffle and cap
- Coated with a yellow, high gloss finish
- Extra Sheves available - call factory for details
- Self-closing models meets Uniform Fire Code and NFPA Code One requirements
- Choose between manual doors (180° opening) and self closing doors (90° opening)



55 Gallon Drum Cabinet, manual doors, Order no. M31-3655-U0, \$ 1,764.00

55 Gallon Drum Cabinet, self closing doors, Order no. M31-3656-U0, \$ 1,642.00

All Drum Cabinets comes with drum rollers for easy loading and unloading of drums

	55 gallon	55 gallon
Door Type	Manual, Double Doors	Self Closing, Double Doors
Features	1 Shelf, Drum Roller	1 Shelf, Drum Roller
External Dimensions W x D x H [in]	34 x 34 x 65	34 x 34 x 66.4
Shipping Weight	501	627
Order number	M31-3655-U0	M31-3656-U0
Price / Item(s)	\$ 1,764.00	\$ 1,642.00

Spill Containment Sumps for Cabinets

Added spill volume provided by sumps make cabinets spill compliant under EPA and UFC regulations.

- Provide added spill containment capacity with our flammable cabinet sumps
- Flammable Cabinets typically are designed to provide containment for 5 gallon safety cans. Models holding 55 gallon drums do not provide adequate spill containment- unless they are combined with DENIOS' Flammable Cabinet Sumps
- Sump design will not impede or block opening and closing of cabinet doors



Exclusive for DENIOS Customers!
The Only Steel Containment Sump for
Flammable Cabinets on the Market Today!



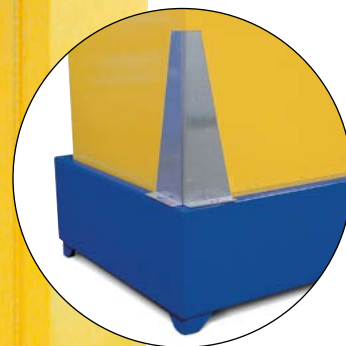
Sump for Pre-Existing Cabinets with 2 drums inside,
Order no. K17-3082-U0, \$ 820.00

\$ 755.00

Order no. K17-3081-U0



Sump for Pre-Existing Cabinets with 1 drum inside,
Order no. K17-3087-U0, \$ 766.00



Galvanized Braces
on vertical drum
models stabilize
cabinets during drum
loading.

Add a 70 gal. sump to your Existing Drum Storage Cabinets

Sumps for Cabinets with	1 Drum Horizontal	1 Drum Vertical	2 Drum Vertical
External Dimensions W x D x H [in]	36 x 54 x 11	36 x 36 x 14	62 x 36 x 11
Sump Capacity [gal]	70	70	78
Total Load Capacity [lbs]	600	600	1,200
Shipping Weight [lbs]	150	165	180
Order number	K17-3087-U0	K17-3081-U0	K17-3082-U0
Price / Item(s)	\$ 766.00	\$ 755.00	\$ 820.00

PolyStore Cabinets

DENIOS PolyStore Cabinets allow you to store non-flammable liquids like oil, lubricants and coolants as well as aggressive bases or acids. Suited for practical use in laboratories or workshops.

Use them to ensure the safe, legally compliant storage of water-polluting and aggressive liquids.



PolyStore, with two grating made of galvanized steel, Order no. K22-0605-U0



PolyStore, with one grating and one spill tray, both made of stainless steel, Order no. K22-0620-U0



PolyStore, 24.0 inch width, with interior equipment made of stainless steel, Order no. K22-0575-U0

Model	PolyStore 44.5 inch high x 24.0 inch width				PolyStore 78.4 inch high x 24.0 inch width			
Features	With bottom sump and 2 grating, galvanized	With bottom sump, 2 gratings, stainless steel	With bottom sump, 1 grating, and 1 spill trays, galvanized	With bottom sump, 1 grating, and 1 spill trays, stainless steel	With bottom sump and 4 grating, galvanized	With bottom sump, 4 gratings, stainless steel	With bottom sump, 1 grating, and 3 spill trays, galvanized	With bottom sump, 1 grating, and 3 spill trays, stainless steel
External Dimensions W x D x H [in]	24.0 x 25.2 x 44.5	24.0 x 25.2 x 44.5	24.0 x 25.2 x 44.5	24.0 x 25.2 x 44.5	24.0 x 25.2 x 78.4	24.0 x 25.2 x 78.4	24.0 x 25.2 x 78.4	24.0 x 25.2 x 78.4
Internal Dimensions W x D x H [in]	20.4 x 16 x 35.2	20.4 x 16 x 35.2	20.4 x 16 x 35.2	20.4 x 16 x 35.2	20.4 x 16.1 x 68.8	20.4 x 16.1 x 68.8	20.4 x 16.1 x 68.8	20.4 x 16.1 x 68.8
Sump Capacity	10	10	10	10	10	10	10	10
Total Load Capacity	220	220	220	220	440	440	440	440
Shipping Weight	95	95	95	95	155	155	155	155
Order number	K22-0605-U0	K22-0615-U0	K22-0610-U0	K22-0620-U0	K22-0590-U0	K22-0575-U0	K22-0570-U0	K22-0585-U0
Price / Item(s)	\$ 559.00	\$ 659.00	\$ 599.00	\$ 699.00	\$ 870.00	\$ 1,130.00	\$ 985.00	\$ 1,295.00
Accessories	Additional Grating		Additional Spill Tray		Additional Grating		Additional Spill Tray	
Order number	K22-0592-U0	K22-0591-U0	K22-0594-U0	K22-0593-U0	K22-0592-U0	K22-0591-U0	K22-0594-U0	K22-0593-U0
Price / Item(s)	\$ 63.00	\$ 155.00	\$ 155.00	\$ 280.00	\$ 63.00	\$ 155.00	\$ 155.00	\$ 280.00

- For the safe storage of water-polluting and aggressive liquids
- Manufactured entirely from environmentally friendly polyethylene
- Hinged doors with safety lock
- The transparent pocket in the door can be used for storing Safety Data Sheets, protective gloves, or goggles

- Sealed sump in the bottom of the cabinet
- Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations



Slide-Out Spill Tray with spill protection



The transparent pocket in the door can be used for storing Safety Data Sheets, protective gloves, or goggles for example



Practically: the cabinet floor is build as a liquid-tight sump



PolyStore, 48.3 inch width, with interior equipment made of galvanized steel, Order no. K22-0560-U0

	PolyStore 48.3 inch width			
	With bottom sump, and 4 grating, galvanized	With bottom sump, 1 grating, and 3 spill trays, galvanized	With bottom sump, 4 gratings, stainless steel	With bottom sump, 1 grating, and 3 spill trays, stainless steel
External Dimensions W x D x H [in]	48.3 x 25.2 x 78.4	48.3 x 25.2 x 78.4	48.3 x 25.2 x 78.4	48.3 x 25.2 x 78.4
Internal Dimensions W x D x H [in]	44.4 x 16.1 x 68.8	44.4 x 16.1 x 68.8	44.4 x 16.1 x 68.8	44.4 x 16.1 x 68.8
Sump Capacity	20	20	20	20
Total Load Capacity	440	440	440	440
Shipping Weight	243	243	243	243
Order number	K22-0560-U0	K22-0561-U0	K22-0565-U0	K22-0566-U0
Price / Item(s)	\$ 1,175.00	\$ 1,418.00	\$ 1,545.00	\$ 1,785.00

Accessories	Additional Grating for Cabinet	Additional Slide-out Spill Tray for Cabinet
Total Load Capacity [lbs]	110	110
Shipping Weight [lbs]	9	18
Order number Galvanized Steel	K22-0596-U0	K22-0598-U0
Price / Item(s)	\$ 45.00	\$ 115.00
Order number Stainless Steel	K22-0595-U0	K22-0597-U0
Price / Item(s)	\$ 130.00	\$ 202.00

4



Gas Cylinder

Since pressurized gas cylinders pose a high risk, the proper storage of gas cylinders is extremely important. DENIOS produces products for gas cylinder storage and handling that reliably meet basic requirements such as adequate ventilation and access protection for unauthorized persons.



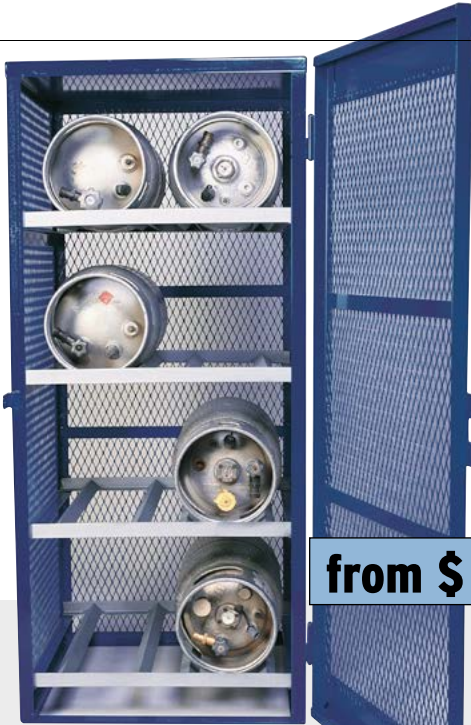
Gas Cylinder Storage & Handling

142 Gas Cylinder Storage

146 Fire-Rated Gas Cylinder Storage

148 Gas Cylinder Handling





from \$ 955.00

Single propane bottle storage provides horizontal storage for up to 8 bottles, Order no. L62-3160-U0



Single section cage for 5-10 cylinders, Order no. L62-3180-U0

Storage Cages without Floor

- Secure gas cylinders and bottles in pad-lockable cages
- Limit access to authorized personnel
- Solid welded angle frame construction provides years of service
- Easily relocated
- Shipped fully assembled
- Open steel mesh from sturdy expanded metal construction prevents gases from accumulating
- Construction provides compliance with NFPA codes and OSHA regulations
- Use different sizes and multiple cages to provide proper separation between incompatible gases



Double section cage for storing a combination of bottles vertically and horizontally, Order no. L62-3187-U0



Add a floor plate to these cages to allow easy relocation/positioning by forklift as well as providing a level and dry base for the upright cylinders.

Floor Plates can be ordered separately for retrofitting to existing floorless cages



Single Base,
Order no. L62-3178-U0, \$ 315.00
Order no. L62-3278-U0, \$ 355.00



Double Base,
Order no. L62-3179-U0, \$ 392.00
Order no. L62-3279-U0, \$ 411.00

Description	Single Horizontal Bottle	Double Horizontal Bottle	Single Vertical Cylinder	Double Vertical Cylinder	Combo - Horizontal & Vertical
External Dimensions W x D x H [in]	31 x 33 x 69	63 x 33 x 75	32 x 36 x 76	62 x 35 x 69	63 x 33 x 69
Storage Capacity Gas Cylinders	—	—	5-10	10-20	5-10
Storage Capacity Gas Bottles	8	16	—	—	8
Shipping Weight	250	503	225	360	440
Order number	L62-3160-U0	L62-3165-U0	L62-3180-U0	L62-3183-U0	L62-3187-U0
Price / Item(s)	\$ 955.00	\$ 1,475.00	\$ 997.00	\$ 1,397.00	\$ 1,797.00

Storage Cages with Floor Plate

- Pad-lockable hinged doors provide secure storage and prevent unauthorized access
- Floor Plates provides level surface for cylinders when placing structure over gravel, uneven pavement, or areas where puddles may occur
- Expanded metal sides and doors allow natural ventilation and visual inspection of cylinders
- Corrosion resistant finish- Choose between painted and galvanized / aluminum coatings
- Meets OSHA & NFPA regulations
- Anchor plates for securing structure
- Ships fully assembled

i Cylinder cages are offered in a variety of configurations to match your specific needs.



Double propane bottle storage provides horizontal storage for up to 16 bottles, Order no. L62-3165-U0



Single model for Gas Cylinder Storage, Order no. L62-3181-U0



Double cylinder cage allows for separation of full and empty cylinders, Total capacity: 10-20 cylinders, Order no. L62-3183-U0

Description	Single Vertical Cylinder	Double Vertical Cylinder	Combo - Horizontal & Vertical	Single Horizontal Bottle	Double Horizontal Bottle
External Dimensions W x D x H [in]	31 x 33 x 75	63 x 33 x 75	63 x 33 x 75	31 x 33 x 75	63 x 33 x 75
Storage Capacity Gas Cylinders	5-10	10-20	5-10	—	—
Storage Capacity Gas Bottles	—	—	8	8	16
Shipping Weight	300	575	575	300	575
Order number Painted	L62-3181-U0	L62-3184-U0	L62-3188-U0	L62-3161-U0	L62-3166-U0
Price / Item(s)	\$ 1,125.00	\$ 1,575.00	\$ 2,025.00	\$ 1,235.00	\$ 1,697.00
Order number Galvanized / Aluminum Coating	L62-3251-U0	L62-3256-U0	L62-3261-U0	L62-3266-U0	L62-3271-U0
Price / Item(s)	\$ 1,435.00	\$ 1,997.00	\$ 2,385.00	\$ 1,760.00	\$ 2,375.00



Stores 24 gas cylinders

Knock-Down Gas Cylinder Storage Cages

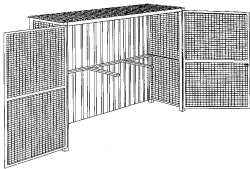
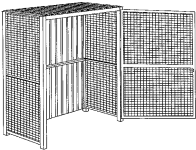
Store gas cylinders in an upright and secure position inside a non-combustible structure in accordance with NFPA 55.

- Heavy-duty steel frame with solid steel back & roof
- Expanded metal sides and doors allow natural ventilation and visual inspection of cylinders
- Lockable hinged doors provide secure storage and prevent unauthorized access
- Chains are adjustable to secure any number of cylinders stored
- System utilizes existing foundation as its base

Non-Combustible Wall Sections Available to Separate Incompatible Gases in Accordance with NFPA 55.



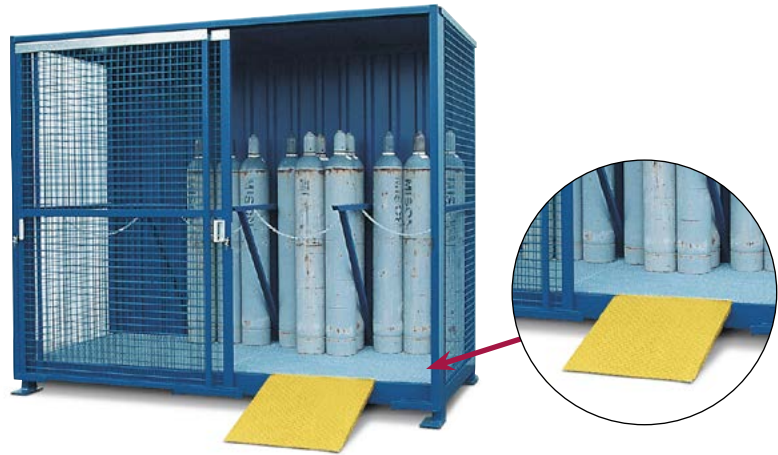
Stores 48 gas cylinders



Suitable for	24 Cylinder	48 Cylinder
External Dimensions L x D x H [ft]	6 x 4 x 6	11 x 4 x 6
Door Type	Hinged	Hinged
Shipping Weight	705	1,100
Order number	L62-3101-U0	L62-3102-U0
Price / Item(s)	\$ 2,497.00	\$ 4,025.00

Gas Cylinder Storage Cages

- Meets OSHA & NFPA regulations
- Heavy-duty steel frame
- Expanded metal sides and doors allow natural ventilation and visual inspection of cylinders
- Lockable doors provide secure storage and prevent unauthorized access
- Corrosion resistant coating
- Chains are adjustable to secure stored cylinders
- Anchor plates for securing structure



Gas Cylinder Storage Cage with Floor and Sliding doors, optional Ramp for easy access

Ramp for Gas Cylinder Storage Cages,
Order no. L62-3122-U0, \$ 537.00



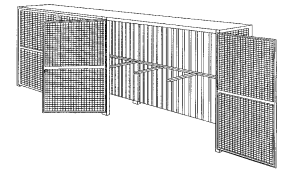
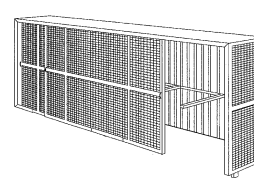
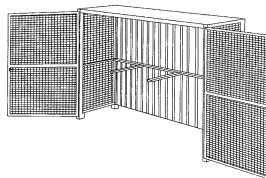
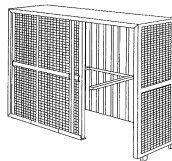
Available in two styles:
 - Hinged Doors and Sliding Doors
 - Floor provides level surface for cylinders when placing structure over gravel, uneven pavement, or areas where puddles may occur

from \$ 6,750.00



Anchor plates for securing structure

Without Floor Plate: Stores 96 gas cylinders.,
Order no. L62-3114-U0



Storage Capacity Gas Cylinders	48				96			
External Dimensions L x D x H [ft]	11 x 5 x 9	11 x 5 x 9	11 x 5 x 9	11 x 5 x 9	21 x 5 x 9	21 x 5 x 9	21 x 5 x 9	21 x 5 x 9
Version	without Floor Plate		with Floor Plate		without Floor Plate		with Floor Plate	
Door Type	Hinged	Sliding	Hinged	Sliding	Hinged	Sliding	Hinged	Sliding
Shipping Weight	1,200	1,400	1,600	1,800	132	2,600	148	3,100
Order number	L62-3110-U0	L62-3112-U0	L62-3113-U0	L62-3114-U0	L62-3115-U0	L62-3116-U0	L62-3117-U0	L62-3118-U0
Price / Item(s)	\$ 6,750.00	\$ 7,850.00	\$ 8,025.00	\$ 8,310.00	\$ 9,550.00	\$ 10,325.00	\$ 14,375.00	\$ 15,765.00

Gas Cylinder Storage Cages with 2-Hour Fire Rated Walls

Legally compliant storage of Gas Cylinders

- Add extra safety to your cylinder storage area with the security of fire rated walls providing compliant separation for flammable compressed gases
- 2-Hour rated wall construction for the sides and rear walls

from \$ 4,197.00



DENIOS Gas Cylinder storage structure for up to 6 Cylinders, Order no. L65-0200-U0



DENIOS Gas Cylinder storage structure for up to 24 Cylinders, Order no. L65-0600-U0



Comes with separating brackets and safety chains for secure storage of gas cylinders

Gas Cylinder Handling

See page
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Storage Capacity Gas Cylinders	6	12	24
External Dimensions W x D x H [in]	44 x 39 x 91	76 x 42 x 98	142 x 42 x 98
Internal Dimensions W x D x H [in]	32 x 27 x 85	62 x 27 x 85	126 x 27 x 85
Version	1 hinged door	2 hinged doors	4 hinged doors
Shipping Weight	850	1,155	1,785
Order number	L65-0200-U0	L65-0400-U0	L65-0600-U0
Price / Item(s)	\$ 4,197.00	\$ 5,597.00	\$ 8,575.00

- Segregate flammable gas cylinders from combustible materials
- Stable steel frame design
- Open mesh access door provides ample natural ventilation and easy access to stored cylinders
- Pad-lockable door adds security
- Safety chains are adjustable to secure cylinders
- Delivered Ready-To-Use, including crane eyes



DENIOS Gas Cylinder storage structure for up to 12 Cylinders,
Order no. L65-0400-U0

Fire Rated Cabinets for Gas Cylinder Storage

90 Minute Fire Rated Cabinet for Gas Cylinder Storage - Safe and approved storage of flammable or toxic gases for up to 3 gas cylinders (dia. 9 in)

- Maximum fire resistance and safety when storing gas cylinders in work areas
- Fire resistance 90 minutes, type-tested in accordance with EN 14470-2
- Complete and even ventilation in the whole interior of the cabinet
- Integrated air ducts ready for connection (Ø 3") to a technical exhaust system
- Easy alignment with adjusting aids to compensate for uneven floor
- Easy mounting of connecting pipes and gas fittings with large interior height (73.1 in), many lead-through possibilities on the top of the cabinet
- Standard interior equipment complete with mounting rails, cylinder retainer including matching tension belts and rolling ramp
- Doors lockable with profile cylinder (integration in an existing locking system possible)
- Outer body and doors made of sheet steel, high-quality powder coating in light gray
- 2-wing door, lockable



Complete with mounting rails, cylinder retainer and matching tension belts and rolling ramp



\$ 4,307.00

Order no. M31-8030-U0

Safety Cabinet for Gas Cylinder Storage, 90 minutes fire rated,



Doors lockable with profile cylinder lock (integrated in the door handle) Cabinets can be integrated by the customer in an existing master key system



Optimal ventilation that complies with the standard

Storage Capacity	3 Gas Cylinders
Version	with hinged door
External Dimensions W x D x H [in]	35.4 x 24.3 x 80.7
Internal Dimensions W x D x H [in]	29.3 x 16.7 x 73.1
Shipping Weight [lbs]	1,170
Order number	M31-8030-U0
Price / Item(s)	\$ 4,307.00

Flexible Heating Jackets

- Modern Heating Technology - heats quickly and uniform
- Great for controlling viscosity and flow control
- Ability to operate in range of temps (-40°F to +104°F)
- All units thermostatically controlled
- High grade thermal insulation to reduce heat loss and increase efficiency while providing protection for the operator.
- Safe to use 24/7 - Fit and forget, no regular maintenance required
- Fitted with adjustable retaining straps and quick release buckles
- Choose between a low and a high power versions for use in ordinary or hazardous Areas (C1D2)

Usage	Ordinary Locations		Hazardous Areas C1D2	
Adjustable Circumference [in]	27	27	27	27
Height [in]	48	48	48	48
Shipping Weight [lbs]	8	8	8	8
Voltage	120 V	120 V	120 V	120 V
Primary Thermostat	Fixed 122 °F	32-194 °F	Fixed 122 °F	Fixed 194 °F
Secondary Thermostat	—	—	Fixed 158 °F	Fixed 158 °F
Power [W]	500 W	800 W	500 W	800 W
Order number	M51-5615-U0	M51-5616-U0	M51-5629-U0	M51-5630-U0
Price / Item(s)	\$ 601.00	\$ 900.00	\$ 1,566.00	\$ 2,349.00

from \$ 601.00



Heating Jackets for Gas Cylinder, use in Ordinary or Hazardous Areas (C1D2)

Manual Cylinder Lifter

- The pivoting design grabs and squeezes the cylinder when lifted
- The lifter has a rubber-coated center and handle holes
- Steel construction with a powder-coat yellow finish

from \$ 222.00



Compatibility	For 7 in Diameter	For 9 in Diameter	For 10 in Diameter
External Dimensions W x D x H [in]	10.5 x 20.25 x 1.5	12.25 x 20.25 x 1.5	14 x 22 x 1.5
Shipping Weight [lbs]	8	9	10
Order number	M75-0047-U0	M75-0048-U0	M75-0046-U0
Price / Item(s)	\$ 222.00	\$ 222.00	\$ 232.00

Portable Cylinder Lifters

- Used to easily move and lift cylinders for placement into portable welders
- Cylinder is secured to cart with manual ratchet strap
- Cylinder is raised and lowered with manual hand crank cable winch
- Portable with two (2) wheels
- Steel construction with yellow baked-in powder-coated toughness

from \$ 345.00



Model	With Hard Rubber Wheels	With Pneumatic Wheels
External Dimensions W x D x H [in]	24 x 18 x 80	24 x 18 x 80
Maximum Lifting Height [in]	14	14
Total Load Capacity [lbs]	300	300
Shipping Weight [lbs]	106	102
Order number	M75-0044-U0	M75-0045-U0
Price / Item(s)	\$ 345.00	\$ 379.00

Portable Lifters

- Hydraulic pump raises cylinders 21" off the floor
- Two front fixed wheels to roll smoothly over any surface
- Rear swivel caster with brake
- Solid steel construction
- Safely transport gas and cryogenic cylinders
- Adjustable cylinder claw and two ratchet belts secure cylinder
- Small footprint is ideal for navigating narrow aisles and doorways
- Sturdy, solid steel construction provides stability and years of dependable use



	Portable Lifters
External Dimensions L x D x H [in]	39 x 36 x 78
Maximum Lifting Height [in]	21
Total Load Capacity	800
Shipping Weight	219
Order number	K52-3119-U0
Price / Item(s)	\$ 2,816.00

Portable Cylinder Clutcher

- Designed for lifting and moving gas cylinders with automatic operation
- Simple handle operation raises and lowers cylinder with ease



	Portable Cylinder Clutcher
External Dimensions W x D x H [in]	29 x 33 x 54
Maximum Lifting Height [in]	2
Total Load Capacity [lbs]	200
Shipping Weight [lbs]	162
Order number	M75-0277-U0
Price / Item(s)	\$ 1,021.00

Gas Cylinder Dollies

- Transports cylinders from workstation to workstation with ease
- Both the Standard and Deluxe model come with either hard rubber wheels or pneumatic wheels
- The hard rubber roller guides allow for easier entry onto the nose plate
- Secure the cylinder with the included restraint chains

Design	Standard		Deluxe	
Version	Without Roller Guides		With Roller Guides	
Equipment	Hard Rubber Wheels	Pneumatic Wheels	Hard Rubber Wheels	Pneumatic Wheels
External Dimensions W x D x H [in]	25 x 16 x 54	26 x 17 x 55	27 x 19 x 52	27 x 19 x 52
Total Load Capacity [lbs]	500	500	500	—
Shipping Weight [lbs]	65	60	71	86
Order number	M75-0016-U0	M75-0017-U0	M75-0018-U0	M75-0019-U0
Price / Item(s)	\$ 216.00	\$ 259.00	\$ 282.00	\$ 330.00

from \$ 216.00



Gas Cylinder Dolly with hard rubber wheels

Gas Cylinder Dolly Deluxe with hard rubber wheels and additional roller guards

Double Gas Cylinder Cart

- Makes transporting dual cylinders easy
- Once cylinders are loaded, caddy leans back and is supported by two swivel casters

	Double Gas Cylinder Cart
External Dimensions W x D x H [in]	31 x 17 x 74
Total Load Capacity [lbs]	350
Shipping Weight [lbs]	84
Order number	K52-1169-U0
Price / Item(s)	\$ 273.00



Aluminum Gas Cylinder Carts

- 12" Pneumatic tires for easy transport
- Hand brake gives extra control on ramps
- Sliding frame on double cart accommodates single cylinders to 20" diameter
- Security strap on double cart, security chain on single
- 1.83" aluminum tube construction provides strength & durability
- Lightweight, extended life construction

	Aluminum Gas Cylinder Carts	
	1 Cylinder 9"	2 Cylinders 9"
External Dimensions W x D x H [in]	20 x 11 x 49	22 x 10 x 50
Total Load Capacity [lbs]	600	600
Shipping Weight [lbs]	41	66
Order number	K52-1160-U0	K52-1162-U0
Price / Item(s)	\$ 814.00	\$ 1,581.00



Aluminum Gas Cylinder Cart for 2 Cylinders

Aluminum Gas Cylinder Cart for 1 Cylinder

Gas Cylinder Tilt Back Hand Truck

- Ideal for transporting cylinders from storage to workspace
- Capable of handling two 9" or one 9" and one 12" cylinders
- Chains provide utmost safety
- Tilt back design for effortless transportation

Storage Capacity	1 Cylinder	2 Cylinders
External Dimensions W x D x H [in]	24 x 18 x 41	31 x 35 x 44
Total Load Capacity [lbs]	150	250
Shipping Weight [lbs]	82	109
Order number	M75-0008-U0	M75-0009-U0
Price / Item(s)	\$ 194.00	\$ 333.00



Magnetic Gas Cylinder Hand Truck

- Designed and built to transport gas cylinders with ease.
- Uses strong magnets to hold the tanks in place
- Tilt back design allows for effortless transportation

	Magnetic Gas Cylinder Hand Truck
External Dimensions W x D x H [in]	36 x 19 x 50
Storage Capacity	1 Cylinder
Shipping Weight [lbs]	104
Order number	M75-0271-U0
Price / Item(s)	\$ 971.00



Poly Gas Cylinder Dollies

- Poly construction is naturally non-sparking for added safety when dealing with volatile gases
- Large, rugged, solid wheels for use on rough terrain
- Ergonomic handle
- Fits cylinders up to 15" in diameter
- Safety strap included
- All terrain dolly has all the same great features as the standard single cylinder dolly, but includes over-sized wheels for ease of use on rough or uneven work floors



Version	Single	Dual	Single All Terrain
External Dimensions W x D x H [in]	24.5 x 22.25 x 46	24.5 x 30 x 45.5	24.5 x 22.25 x 46
Total Load Capacity [lbs]	250	500	250
Shipping Weight [lbs]	27	57	34
Order number	K52-1245-U0	K52-1250-U0	K52-1247-U0
Price / Item(s)	\$ 252.00	\$ 515.00	\$ 308.00

Gas Bottle Caddy

- Safely and securely transport up to six (12"x24") gas bottles via forklift
- All steel construction stands up to the harshest industrial environments
- Attached safety chains hold tanks in place during transport

\$ 464.00

Order no. K52-1195-U0

	6 Gas Bottles
External Dimensions W x D x H [in]	41 x 38 x 29
Total Load Capacity [lbs]	1,000
Shipping Weight [lbs]	258
Order number	K52-1195-U0
Price / Item(s)	\$ 464.00



Gas Bottle Caddy suitable for 6 gas bottles

Poly Gas Cylinder Stands / Caddy

- Secure non-corrosive, non-sparking storage of gas cylinders
- Forkliftable and floor mountable
- Holds four cylinders up to 11" in diameter
- Upper security straps included, and lower straps available for added security
- 4 & 6 Cylinder models can be easily moved via forklift

from \$ 355.00

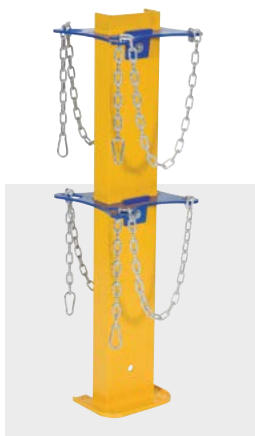


Storage Capacity	2 Cylinders	4 Cylinders	6 Cylinders
External Dimensions W x D x H [in]	28 x 14 x 30	41 x 29 x 47	41 x 29 x 46.5
Total Load Capacity [lbs]	400	600	800
Shipping Weight [lbs]	18	46	51
Order number	K52-1230-U0	K52-1235-U0	K52-1240-U0
Price / Item(s)	\$ 355.00	\$ 415.00	\$ 487.00

Gas Cylinder Storage Stand

- Allows for storage of cylinders in the vertical position
- The chains are included for securing the cylinders to the stand
- The stand has pre-drilled mounting holes for attachment to the floor
- floor mounting hardware is not included
- Stand is powder-coat yellow and steel brackets feature blue painted finish

Storage Stand for 2 Gas Cylinders,
Order no. M75-0301-U0, \$ 174.00



Pallet Jack Style Cylinder Caddy

- Transport cylinders safely
- The Caddy comes complete with safety chains to secure the cylinders in place
- The optional caster kit allows for portability without the need of a fork truck or pallet truck

from \$ 489.00



Storage Capacity	2 Cylinders	4 Cylinders
External Dimensions W x D x H [in]	20 x 16 x 39	39.125 x 16 x 39.6875
Total Load Capacity [lbs]	400	600
Shipping Weight [lbs]	49	90
Order number	M75-0285-U0	M75-0286-U0
Price / Item(s)	\$ 489.00	\$ 670.00

Caster Kit for Cylinder Caddy

- This optional caster kit for the Cylinder Caddy allows for portability without the need of a pallet truck
- Features all swivel casters



\$ 336.00

Order no. M75-0287-U0

Gas Cylinder Bracket Stand

- Allows for storage of up to 6 cylinders in the vertical position
- Straps are included for securing the cylinders to the stand
- The stand has pre-drilled mounting holes for attachment to the floor
- Floor mounting hardware is not included
- Stand is powder-coat blue and steel brackets feature gray painted finish
- Assembly hardware included

Storage Capacity	4 Cylinders	6 Cylinders
External Dimensions W x D x H [in]	20.75 x 35.5 x 36.5	20.75 x 47.5 x 36.5
Shipping Weight [lbs]	58	68
Order number	M75-0005-U0	M75-0006-U0
Price / Item(s)	\$ 347.00	\$ 390.00

from \$ 347.00



Gas Cylinder Racks

Gas Cylinder Racks feature a multitude of application possibilities. Portability is ensured by the use of pallet trucks, fork trucks, hoist or optional caster kits.

- Transports cylinders safely with this fork mounted style
- Comes complete with safety chains to secure the cylinders in place
- Made of all steel construction
- Hoist models allows overhead lifting of the entire rack
- Web ratchet retaining strap and edge lip for added safety

from \$ 546.00



Gas Cylinder Rack for 4 Cylinders, moveable with forklift



Gas Cylinder Rack for 6 Cylinders, with casters



Gas Cylinder Rack with Hoist, for storing and lifting up to 4 Cylinders



Gas Cylinder Rack with Hoist, for storing and lifting up to 6 Cylinders

	Cylinder Rack			Cylinder Rack with Casters		Cylinder Rack with Hoist		
Storage Capacity	4 Cylinders	6 Cylinders	8 Cylinders	6 Cylinders	8 Cylinders	4 Cylinders	6 Cylinders	8 Cylinders
External Dimensions W x D x H [in]	24.5 x 39 x 36	36 x 39 x 36	47 x 39 x 36	52 x 39 x 37	63 x 39 x 37	24.5 x 39 x 74	36 x 39 x 72	47 x 39 x 68
Shipping Weight [lbs]	173	188	231	278	297	223	228	281
Order number	M75-0049-U0	M75-0051-U0	M75-0053-U0	M75-0055-U0	M75-0056-U0	M75-0050-U0	M75-0052-U0	M75-0054-U0
Price / Item(s)	\$ 546.00	\$ 665.00	\$ 729.00	\$ 918.00	\$ 1,278.00	\$ 750.00	\$ 868.00	\$ 928.00

5



Small leaks or spills are more than housekeeping issues; they are a liability. Be prepared for any unexpected spills with absorbents, spill kits, stormwater management and leak protection products. Quickly contain and clean-up these accidents before they become serious problems.

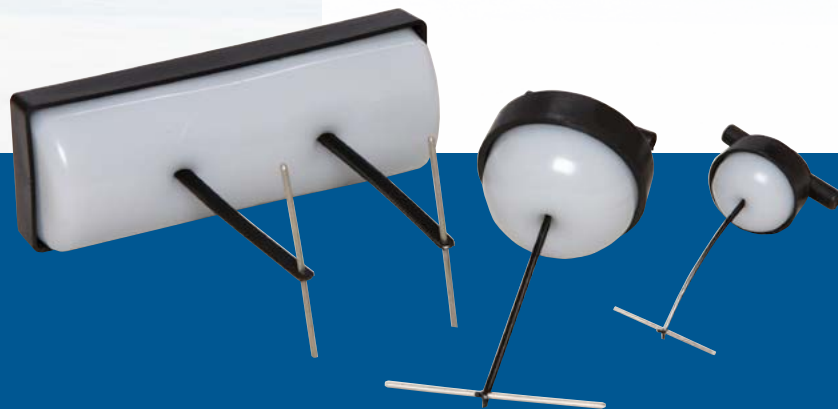
Spill and Leak Response

157 Absorbents

161 Emergency Spill Kits

168 Drain and Stormwater Management

170 Drain Plugs and Leak Protection



Resistance List For Absorbent Materials

Chemical	OIL-ONLY	UNIVERSAL	HAZMAT	Chemical	OIL-ONLY	UNIVERSAL	HAZMAT	Chemical	OIL-ONLY	UNIVERSAL	HAZMAT
Acetaldehyde		•	•	Dimethyl Sulfoxide	•	•	•	Methyl Ethyl Ketone	•	•	•
Acetic Acid			•	Diocetyl Phthalate	•	•	•	Methyl Isobutyl Ketone	•	•	•
Acetone	•	•	•	Ether	•	•	•	Methyl Methacrylate	•	•	•
Acetyl Chloride		•	•	Ethyl Acetate	•	•	•	Methylene Bromide	•	•	•
Acrylic Acid			•	Ethyl Alcohol	•	•	•	Mineral Oil	•	•	•
Allyl Alcohol		•	•	Ethyl Benzene	•	•	•	Mineral Spirits	•	•	•
Aminobenzoic Acid			•	Ethyl Chloride	•	•	•	Monoethanolamine	•	•	•
Ammonia (Anhydrous)	•	•	•	Ethyl Ether	•	•	•	Morpholine	•	•	•
Ammonium Floride	•	•	•	Ethyl Propionate	•	•	•	Motor Oil	•	•	•
Ammonium Hydroxide	•	•	•	Ethylene Dichloide	•	•	•	Naphta	•	•	•
Amyl Alcohol		•	•	Ethylene Glycol		•	•	Naphtalene	•	•	•
Aniline		•	•	Formaldehyde		•	•	Nitric Acid		•	•
Aviation Fuel	•	•	•	Formic Acid		•	•	Nitromethane	•	•	•
Benzaldehyde	•	•	•	Freon	•	•	•	Octane	•	•	•
Benzene	•	•	•	Fuel Oil	•	•	•	Oleic Acid	•	•	•
Benzoic Acid	•	•	•	Furfural	•	•	•	Paraffin	•	•	•
Benzyl Alcohol		•	•	Gasoline	•	•	•	Perchlorethylene	•	•	•
Boric Acid		•	•	Gearbox Oil	•	•	•	Phenol		•	•
Brake Fluid	•	•	•	Glycerol		•	•	Phosphoric Acid		•	•
Bromine Inorganic	•	•	•	Hexane	•	•	•	Potassium Hydroxide		•	•
Butyl Acetate	•	•	•	Hydrazine		•	•	Propanol		•	•
Butyl Alcohol	•	•	•	Hydrochloric Acid		•	•	Propionic Acid	•	•	•
Butyl Cellosolve	•	•	•	Hydrofluoric Acid		•	•	Propyl Alcohol	•	•	•
Calcium Hydroxide		•	•	Hydroquinone	•	•	•	Propylene Glycol	•	•	•
Carbolic Acid			•	Hydrogen Cyanide	•	•	•	Resorcinol		•	•
Carbon Disulphide		•	•	Hydrogen Peroxide		•	•	Silicone Oil	•	•	•
Carbon Tetrachloride	•	•	•	Isoamyl Acetate	•	•	•	Silver Nitrate		•	•
Cellosolve Acetate	•	•	•	Isobutyl Alcohol	•	•	•	Sodium Bicarbonate		•	•
Cellosolve Solvent	•	•	•	Isooctane	•	•	•	Sodium Chloride		•	•
Chlorobenzene		•	•	Isopropyl Acetate	•	•	•	Sodium Hydroxide		•	•
Chloroform	•	•	•	Isopropyl Alcohol	•	•	•	Sodium Hypochloride		•	•
Chloronaphtalene	•	•	•	Kerosene	•	•	•	Sodium Nitrate		•	•
Chlorothene	•	•	•	Ketones	•	•	•	Styrene	•	•	•
Chromic Acid (50%)			•	Lioletic Acid			•	Sulphuric Acid		•	•
Citric Acid			•	Linseed Oil	•	•	•	Toluene	•	•	•
Cresol	•	•	•	Lubricating Oil	•	•	•	Transformer Oil	•	•	•
Cyclohexane	•	•	•	Methylamine	•	•	•	Trichlorethylene	•	•	•
Dibutyl Phthalate	•	•	•	Methyl Alcohol	•	•	•	Triethylene Glycol	•	•	•
Diethylamine	•	•	•	Methyl Cellusolve	•	•	•	Turpentine	•	•	•
Diethyl Ether	•	•	•	Methyl Chloride	•	•	•	Xylene	•	•	•
Dimethyl Formamine	•	•	•	Methyl Ether	•	•	•				

Note:

This compatibility list applies to all polypropylene sorbents. The compatibility of DENSORB sorbents was tested for a variety of chemicals. Due to uncontrollable factors we can not guarantee 100% absorbency. For your safety we recommend the implementation of compatibility and testing of your chemicals with DENSORB sorbents before buying. If you have questions, please call free at: 800-216-7776

Use Pads for nearly any general purpose industrial or commercial cleanup. These polypropylene sorbents will soak up both oil and water based non-aggressive liquids.

Oil-Only Absorbent Pads

- Specifically coated fibers to absorb oils, fuels, and other hydrocarbons while repelling water
- Use Heavy Weight for larger volume spills

	Oil-Only		
	Medium Weight	Heavy Weight	Drum Top Pads
External Dimensions W x D [in]	19 x 15	19 x 15	—
Quantity per Pack	100	100	25
Absorption Capacity	20.0	26.0	8.6
Shipping Weight	11	13	7
Order number	M28-6220-U0	M28-6222-U0	M28-6290-U0
Price / Pack	\$ 39.00	\$ 48.00	\$ 43.00

Use these for routine maintenance and repair work wherever spills, drips, or leaks are likely to occur.

- Available as rectangular pads or as round drum top, Pre-cut in 22" diameters for 55 gallon drums incl. cut-out hole for 2" bung opening



Oil-Only Pads

Drum Top Pads

Universal Absorbent Pads

- Soak up both oil and water based, non-aggressive liquids
- Use for routine maintenance and repair work wherever spills, drips, or leaks are likely to occur
- Choose single weight for small jobs or extra weight for large volumes
- Pads are perforated to provide convenient selection of the proper amount of material
- The dark color is perfect for concealing dirt and grime

	Universal		
	Medium Weight	Heavy Weight	Drum Top Pads
External Dimensions W x D [in]	19 x 15	19 x 15	—
Quantity per Pack	100	100	25
Absorption Capacity	20.0	26.0	8.6
Shipping Weight	11	13	7
Order number	M28-6120-U0	M28-6122-U0	M28-6190-U0
Price / Pack	\$ 44.00	\$ 51.00	\$ 42.00



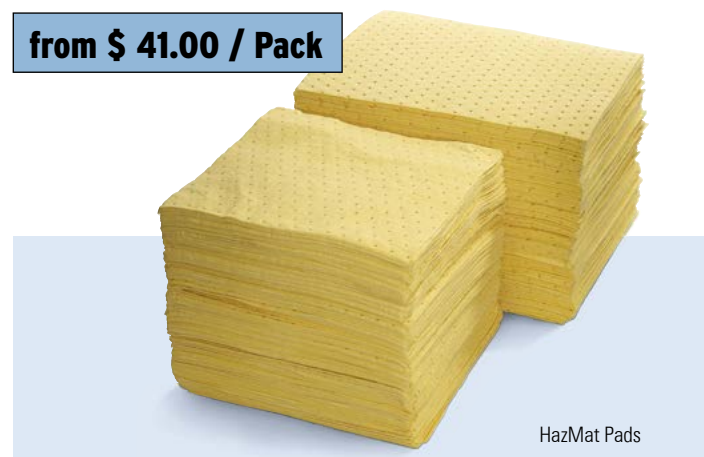
Universal Pads

Drum Top Pads

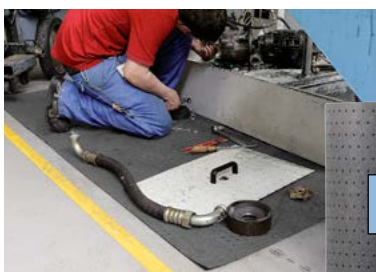
HazMat Absorbents Pads

- Sonic bonded absorbent pads are resistant to a wide range of chemicals including both acidic and basic liquids
- Quickly absorb liquids that are water based or oil based
- Special bonded technology provides highly efficient absorbency as well as tough, tear resistant construction
- Absorption efficiency guarantees great value
- Minimizes waste by absorbing up to 16 times its own weight

	HazMat	
	Medium Weight	Heavy Weight
External Dimensions W x D [in]	19 x 15	19 x 15
Quantity per Pack	100	100
Absorption Capacity	24.0	29.0
Shipping Weight	11	13
Order number	M28-6322-U0	M28-6324-U0
Price / Pack	\$ 41.00	\$ 50.00



HazMat Pads



from \$ 80.00 / Pack



Heavy Weight Split Rolls

Universal Absorbent Rolls

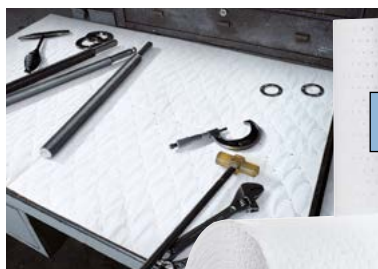
- Soak up both oil and water based, non-aggressive liquids
- Use for routine maintenance and repair work wherever spills, drips, or leaks are likely to occur
- Choose single weight for small jobs or extra weight for large volumes
- Rolls are perforated to provide convenient selection of the proper amount of material
- The gray color is perfect for concealing dirt and grime

	Universal			
Rolls	Medium Weight		Heavy Weight	
Overall Dimensions W x L [in/ft]	15 x 150	30 x 150	15 x 150	30 x 150
Quantity per Pack	2	1	2	1
Absorption Capacity	40	40	50	50
Shipping Weight	21	21	26	26
Order number	M28-6102-U0	M28-6104-U0	M28-6106-U0	M28-6108-U0
Price / Pack	\$ 80.00	\$ 80.00	\$ 95.00	\$ 95.00

Oil-Only Absorbent Rolls

- Specifically coated fibers to absorb oils, fuels, and other hydrocarbons while repelling water
- Use Heavy Weight for larger volume spills

	Oil-Only			
Rolls	Medium Weight		Heavy Weight	
Overall Dimensions W x L [in/ft]	15 x 150	30 x 150	15 x 150	30 x 150
Quantity per Pack	2	1	2	1
Absorption Capacity	40	40	50	50
Shipping Weight	21	23	26	26
Order number	M28-6202-U0	M28-6204-U0	M28-6206-U0	M28-6208-U0
Price / Pack	\$ 74.00	\$ 74.00	\$ 91.00	\$ 91.00



from \$ 74.00 / Pack



Oil-only absorbent pads for workbench use.

HazMat Absorbent Rolls

- Sonic bonded absorbent rolls are resistant to a wide range of chemicals including both acidic and basic liquids
- Quickly absorb liquids that are water based or oil based
- Special bonded technology provides highly efficient absorbency as well as tough, tear resistant construction
- Absorption efficiency guarantees great value
- Minimizes waste by absorbing up to 16 times its own weight

	HazMat		
Rolls	Medium Weight	Heavy Weight	
Overall Dimensions W x L [in/ft]	30 x 150	15 x 150	30 x 150
Quantity per Pack	1	2	1
Absorption Capacity	46	55	55
Shipping Weight	21	26	26
Order number	M28-6304-U0	M28-6306-U0	M28-6308-U0
Price / Pack	\$ 76.00	\$ 95.00	\$ 95.00



from \$ 76.00 / Pack



Heavy Weight Split Rolls provide a 15" width and come two packs per order

Oil-Only Absorbent Booms

Oil-Only Absorbent Booms are heavy duty, water repelling absorbents designed to capture and hold oil-based liquids spilled or deposited into waterways.

- Booms will continue to float even when fully saturated
- Sorbent material encased in a strong nylon webbing
- Hooks are provided allowing booms to be joined and strung together in any length required
- Absorbs up to 16 times their own weight in hydrocarbons



	Oil-Only		
Overall Dimensions Dia x L [in/ft]	5 x 10	8 x 10	8 x 20
Quantity per Pack	4	4	2
Absorption Capacity	30	38	38
Shipping Weight	22	32	32
Order number	M28-6256-U0	M28-6252-U0	M28-6254-U0
Price / Pack	\$ 60.00	\$ 85.00	\$ 85.00

Absorbent Pillows

Pillows provide a high absorption capacity in a compact space. Use to contain drips from machinery in hard to reach areas, or to quickly absorb large spills.



Just give us a call.
We would be pleased to
provide you with advice!

» Expert advice: 800-216-7776



Absorbent Pillows "Universal"

Absorbent Pillows "Oil-Only"

Absorbent Pillows "HazMat"

	Universal		Oil-Only		HazMat	
External Dimensions W x D [in]	8 x 18	18 x 18	8 x 18	18 x 18	8 x 18	18 x 18
Quantity per Pack	20	10	20	10	20	10
Absorption Capacity	26	29	26	29	26	29
Shipping Weight	11	12	11	12	11	12
Order number	M28-6132-U0	M28-6134-U0	M28-6232-U0	M28-6234-U0	M28-6332-U0	M28-6334-U0
Price / Item(s)	\$ 47.00	\$ 45.00	\$ 47.00	\$ 45.00	\$ 47.00	\$ 45.00



from \$ 47.00 / Pack

Order no. M28-6144-U0

Universal Absorbents Socks

Universal Socks for use in most liquid cleanup jobs where aggressive chemicals are not likely to be encountered.

- Provide easy spill cleanup for jobs where aggressive chemicals are not likely to be encountered
- Socks absorb oils, coolants, solvents, and water
- Use wherever you have a variety of spills and only want to stock one sock to cover everything
- Socks easily mold to almost any shape

	Universal		
Overall Dimensions Dia x L [in/ft]	3 x 4	3 x 8	3 x 12
Quantity per Pack	30	15	10
Absorption Capacity	25	25	25
Shipping Weight	30	30	30
Order number	M28-6142-U0	M28-6140-U0	M28-6144-U0
Price / Pack	\$ 47.00	\$ 47.00	\$ 47.00

Oil-Only Absorbents Socks

Oil-Only Socks are especially designed to quickly wick oil-based liquids and fuels.

- Especially designed to quickly wick oil-based liquids and fuels
- Perfect for outdoor placement to absorb hydrocarbons without becoming saturated with rainwater

	Oil-Only		
Overall Dimensions Dia x L [in/ft]	3 x 8	3 x 4	3 x 12
Quantity per Pack	15	30	10
Absorption Capacity	25	25	25
Shipping Weight	30	30	30
Order number	M28-6240-U0	M28-6242-U0	M28-6244-U0
Price / Pack	\$ 60.00	\$ 60.00	\$ 60.00

HazMat Absorbents Socks

HazMat Socks are suited for absorbing acids, bases and other aggressive liquids. They are also able to be used for oil or water-based spills.

- Excellent for quickly containing spills
- Great for using on spills of unknown chemicals

	HazMat		
Overall Dimensions Dia x L [in/ft]	3 x 4	3 x 8	3 x 12
Quantity per Pack	30	15	10
Absorption Capacity	25	25	25
Shipping Weight	30	30	30
Order number	M28-6344-U0	M28-6342-U0	M28-6346-U0
Price / Pack	\$ 69.00	\$ 69.00	\$ 69.00

from \$ 60.00 / Pack



from \$ 69.00 / Pack

Order no. M28-6344-U0



Spill Cart

These mobile spill carts can access a spill site quickly and easily. Stored sorbents can absorb up to 124 gallons.

- These mobile emergency carts can access a spill site quickly and easily
- 31" width fits easily in aisles and doorways
- 5" wheels are great for indoor/smooth surfaces
- Can also be moved with a forklift
- Lockable to protect contents
- Contents vary on type of absorbents



React to spills quickly and safely with our Emergency Spill Kits.



Spill Cart Universal, Order no. M28-1864-U0, \$ 943.00



Spill Cart Oil-Only,
Order no. M28-1860-U0, \$ 922.00

from \$ 922.00



Spill Cart HazMat, Order no. M28-1868-U0, \$ 1,049.00

Model	Contents	External Dimensions (vent hoods included) W x D x H [in]	Shipping Weight	Version	Absorption Capacity [gal]	Order number	Price / Item(s)
Absorbent Spill Cart	Each Cart Includes:160 Pads - 15" x 19"30 Socks - 3" x 4'10 Socks - 3" x 8'112 Wipers4 Disposal Bags and Ties1 Emergency Response Book1 Pair of Nitrile Gloves1 Pair of Safety Goggles	48 x 31 x 38	205	Oil-Only	110	M28-1860-U0	\$ 922.00
			204	Universal	104	M28-1864-U0	\$ 943.00
			185	HazMat	86	M28-1868-U0	\$ 1,049.00
Absorbent Spill Cart - Refill	Refill -160 Pads - 15" x 19"30 Socks - 3" x 4'10 Socks - 3" x 8'112 Wipers4 Disposal Bags and Ties1 Emergency Response Book1 Pair of Nitrile Gloves1 Pair of Safety Goggles	45.0 x 28.0 x 33.0	80	Oil-Only	110	M28-1861-U0	\$ 219.00
			79	Universal	110	M28-1865-U0	\$ 202.00
			63	HazMat	86	M28-1869-U0	\$ 191.00

Portable Sorbent Caddies

These Emergency Spill Kits can be brought quickly to the scene of the leak. The range consists of socks for containment as well as mats/rolls and cushions for absorbing leaked fluid. Personal protection equipment for use at the site of the incident such as safety goggles and gloves complete the set.

- Contain high quality absorbent materials
- These wheeled Spill Kits make spill response quick, while interior shelves and easy-view compartments keep supplies at-hand and organized
- Lockable for added safety
- Functional Caddy for easy, quick maneuverability
- Caddies are available in 3 different options
- Choose between:
Oil Only, Universal and HazMat for aggressive chemicals



Portable Absorbent Caddy, filled with HazMat Absorbents, Order no. M28-1839-U0, \$ 524.00



Portable Absorbent Caddy, filled with Universal Absorbents, Order no. M28-1835-U0, \$ 440.00

from \$ 440.00

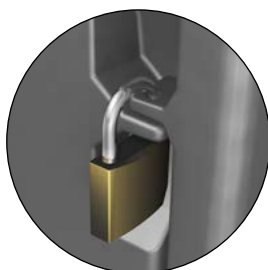
Model	Contents	External Dimensions W x D x H [in]	Shipping Weight [lbs]	Version	Absorption Capacity [gal]	Order number	Price / Item(s)
Portable Absorbent Spill Caddy	100 Pads - 11" x 13" 6 Socks - 3" x 4" 4 Pillows - 8" x 18" 1 Pair of Safety Goggles 1 Pair of Nitrile Gloves 3 Disposal Bags and Ties 1- 7" Epoxy Stick 1- 6" Light Stick 1 Emergency Response Book	20 x 20 x 40	56	Universal	29.5	M28-1835-U0	\$ 440.00
				Oil-Only	27.7	M28-1830-U0	\$ 518.00
				HazMat	27.7	M28-1839-U0	\$ 524.00
Refill Kit: for Portable Absorbent Spill Caddy SMALL	Refill - 100 Pads - 11" x 13" 6 Socks - 3" x 4" 4 Pillows - 8" x 18" 1 Pair of Safety Goggles 1 Pair of Nitrile Gloves 3 Disposal Bags and Ties 1- 7" Epoxy Stick 1- 6" Light Stick 1 Emergency Response Book	18 x 16 x 17	21	Universal	29.5	M28-1837-U0	\$ 88.00
				Oil-Only	27.7	M28-1833-U0	\$ 97.00
				HazMat	27.7	M28-1841-U0	\$ 93.00



Large, wide-opening door for efficient access to the absorbent materials



Comes together with a Warning Sign (Caddy MEDIUM)



Using a padlock or seal protecting against unauthorized access is possible (Caddy MEDIUM)*



Ergonomic handle can be gripped safely even when wearing protective gloves and optimizes manoeuvrability

Emergency sets in three designs:

OIL	Absorbs oil and repels water
UNIVERSAL	Universally applicable, absorbs oil, water & other chemicals
HAZMAT	For acids, alkalis and chemicals

Model	Contents	External Dimensions W x D x H [in]	Shipping Weight [lbs]	Version	Absorption Capacity [gal]	Order number	Price / Item(s)
Portable Absorbent Spill Caddy MEDIUM	1 Roll - 148 ft x 15" 7 Socks - 47 x 3" 2 Pillows - 9.9 x 9.9" 1 Sack with Granulate 18 lbs 1 Showel 1 Pair of Safety Goggles 2 Pair of Safety Gloves, 10 Disposal Bags 25 Wipers - 38 x 39" 1 Warning Sign	23.2 x 24.2 x 42.9	142	Oil-Only	102	M28-2032-U0	\$ 430.00
				Universal	100	M28-2036-U0	\$ 435.00
				HazMat	100	M28-2040-U0	\$ 440.00
Portable Absorbent Spill Caddy Extra Large	1 Roll - 295 ft x 15" 12 Socks - 47 x 3" 6 Pillows - 9.9 x 9.9" 1 Sack with Granulate 18 lbs 1 Showel 1 Pair of Safety Goggles 2 Pair of Safety Gloves 10 Disposal Bags	32.2 x 27.6 x 51.2	155	Oil-Only	190	M28-1832-U0	\$ 570.00
				Universal	188	M28-1836-U0	\$ 575.00
				HazMat	187	M28-1840-U0	\$ 580.00
Refill Kit: for Portable Absorbent Spill Caddy MEDIUM	1 Roll - 148 ft x 15" 7 Socks - 47 x 3" 2 Pillows - 9.9 x 9.9" 1 Sack with Granulate 18 lbs 1 Pair of Safety Goggles 2 Pair of Safety Gloves 10 Disposal Bags 25 Wipers - 38 x 39"	19.0 x 20.5 x 39.5	48	Oil-Only	102	M28-2132-U0	\$ 80.00
				Universal	100	M28-2136-U0	\$ 85.00
				HazMat	100	M28-2140-U0	\$ 90.00
Refill Kit: for Portable Absorbent Spill Caddy EXTRA LARGE	1 Roll - 295 ft x 15" 12 Socks - 47 x 3" 6 Pillows - 9.9 x 9.9" 1 Sack with Granulate 18 lbs 1 Pair of Safety Goggles 2 Pair of Safety Gloves 10 Disposal Bags	29.0 x 24.9 x 47.8	52	Oil-Only	190	M28-1932-U0	\$ 130.00
				Universal	188	M28-1936-U0	\$ 135.00
				HazMat	187	M28-1940-U0	\$ 140.00

from \$ 44.00



5-Gallon Spill Kit,
Order no. M28-1602-U0, \$ 44.00

5-Gallon Spill Kit

- Respond to small and remote spills quickly, safely, and effectively with our 5 Gallon Spill Kit
- Contents pre-packed in a DOT-approved 5-Gallon Overpack (UN 1H2/Y1.5/30) for transporting liquid

Contents:

10 Pads - 15" x 19"
2 Socks - 3" x 4"
1 Pair of Safety Goggles
1 Pair of Nitrile Gloves
1 Disposal Bags and Ties

	5-Gallon Spill Kit		
Version	Universal	Oil-Only	HazMat
External Dimensions Dia x H [in]	12 x 16.8	12 x 16.8	12 x 16.8
Absorption Capacity	5.2	5.2	5.2
Shipping Weight	12	12	12
Order number	M28-1602-U0	M28-1605-U0	M28-1608-U0
Price / Item(s)	\$ 44.00	\$ 44.00	\$ 51.00



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10-Gallon Spill Kit

- Respond to spills with this 10-Gallon Spill Kit
- White lid with plastic lever-lock band closure
- Yellow blow molded, high-density polyethylene drum with UV inhibitors
- Durable, lightweight kit is weather and chemical resistant

Contents:

20 - 15" X 19" Gray Universal Defender Pads
3 - 3" x 4' Gray Universal Sorbent Socks
1 - 8" X 18" Gray Universal Sorbent Pillow
2 - 18" X 6" X 30" Yellow Disposal Bags & Ties
1 - Pair Nitrile Gloves
1 - Safety Goggles
1 - 3" X 5" Vinyl Spill Kit Label
1 - 15" X 18.3" Yellow 10 Gallon Drum
1 - 6" X 2" Tamper-proof Seals

	10-Gallon Spill Kit		
Version	Universal	Oil Only	HazMat
Absorption Capacity [gal]	10.4	9.5	9.5
External Dimensions Dia x H [in]	15 x 18.3	15 x 18.3	15 x 18.3
Shipping Weight [lbs]	15	15	15
Order number	M28-1607-U0	M28-1669-U0	M28-1650-U0
Price / Item(s)	\$ 77.00	\$ 70.00	\$ 85.00
Accessories	Refills		
Order number	M28-1600-U0	M28-1666-U0	M28-1636-U0
Price / Item(s)	\$ 36.00	\$ 35.00	\$ 44.00



Order no. M28-1650-U0

Order no. M28-1607-U0

10-Gallon Spill Kit,
Order no. M28-1669-U0, \$ 70.00

20-Gallon Spill Kit

- Respond to remote spills quickly, safely, and effectively with our 20 Gallon Spill Kit
- Contains everything you need to tackle a spill quickly
- Contents pre-packed in X-rated DOT-approved 20-Gallon Overpack (UN 1H2/X100/S)

Contents:

25 Pads - 15" x 19"
 4 Socks - 3" x 8"
 2 Pillows - 18" x 18"
 1 Pair of Safety Goggles
 1 Pair of Nitrile Gloves
 2 Disposal Bags and Ties

	20-Gallon Spill Kit		
Version	Universal	Oil-Only	HazMat
Absorption Capacity [gal]	16.4	15.2	15.2
External Dimensions Dia x H [in]	23 x 19.5	23 x 19.5	23 x 19.5
Shipping Weight [lbs]	24	24	24
Order number	M28-1620-U0	M28-1623-U0	M28-1626-U0
Price / Item(s)	\$ 102.00	\$ 107.00	\$ 119.00
Accessories	Refills		
Order number	M28-1622-U0	M28-1624-U0	M28-1628-U0
Price / Item(s)	\$ 53.00	\$ 50.00	\$ 62.00



20-Gallon Spill Kit,
 Order no. M28-1626-U0,
 \$ 119.00

Emergency sets in three designs:

OIL	Absorbs oil and repels water
UNIVERSAL	Universally applicable, absorbs oil, water & other chemicals
HAZMAT	For acids, alkalis and chemicals

30-Gallon Spill Kit

- Respond to remote spills quickly, safely, and effectively with our 30 Gallon Spill Kit
- Use overpack to store supplies or to contain contaminated absorbents
- Contents pre-packed in X-rated DOT-approved 30-Gallon Overpack (UN 1H2/X100/S)

Contents:

25 Pads - 15" x 19"
 4 Socks - 3" x 8"
 4 Pillows - 18" x 18"
 1 Pair of Safety Goggles
 1 Pair of Nitrile Gloves
 3 Disposal Bags and Ties
 1 Emergency Response Book

	30-Gallon Spill Kit		
Version	Universal	Oil-Only	HazMat
Absorption Capacity [gal]	25.6	23.1	23.1
External Dimensions Dia x H [in]	23 x 30	23 x 30	23 x 30
Shipping Weight [lbs]	34	34	33
Order number	M28-1630-U0	M28-1634-U0	M28-1638-U0
Price / Item(s)	\$ 161.00	\$ 169.00	\$ 218.00
Accessories	Refills		
Order number	M28-1631-U0	M28-1635-U0	M28-1637-U0
Price / Item(s)	\$ 77.00	\$ 74.00	\$ 85.00



30-Gallon Spill Kit,
 Order no. M28-1630-U0,
 \$ 161.00



from \$ 338.00

50 Gallon Transportable Drum Overpack & Spill Kit

Built-in handle and wheels make transporting the kit to the spill quick and easy. Overpack is UN and DOT approved.

- Contains everything necessary to clean up a spill quickly and efficiently as well as provides an Overpack for convenient and compliant disposal
- Contents are pre-packed in X-rated DOT-approved Overpack (UN 1H2/X200/S)
- Available in Universal, HazMat and Oil-Only

Contents:

Contents
100- 15" x 19" Pads
6- 3" x 4' Socks
4- 18" x 18" Pillows
1 Pair of Safety Goggles
2 Pair of Nitrile Gloves
3 Disposal Bags and Ties
1 7" Epoxy Putty Stick
1 6" Light Stick
1 Emergency Response Book

50-Gallon Transportable Spill Kit

	Oil-Only		Universal		HazMat	
Model	50-Gallon Transportable Spill Kit	50-Gallon Transportable Spill Kit - Refill	50-Gallon Transportable Spill Kit	50-Gallon Transportable Spill Kit - Refill	50-Gallon Transportable Spill Kit	50-Gallon Transportable Spill Kit - Refill
External Dimensions Dia x H [in]	28.8 x 45.5	22 x 9	28.8 x 45.5	22 x 9	28.8 x 45.5	22 x 9
Absorption Capacity [gal]	43.3	43.3	43.3	43.3	43.3	43.3
Shipping Weight [lbs]	74	31	74	31	74	31
Order number	M28-1846-U0	M28-1847-U0	M28-1842-U0	M28-1851-U0	M28-1855-U0	M28-1856-U0
Price / Item(s)	\$ 338.00	\$ 115.00	\$ 396.00	\$ 123.00	\$ 407.00	\$ 131.00



55 Gallon Drum Overpack & Spill Kit, Order no. M28-1612-U0, \$ 235.00

55 Gallon Drum Overpack & Spill Kit

It's important to have the right sorbents on-hand when these spills occur to eliminate the slip-and-fall hazard immediately. A quick response is the first order of business and your best weapon in the fight against spills. This Spill Kit includes a variety of sorbents; pre-packed in an X-rated DOT-approved 55-Gallon Open Head Drum with Lever Lock.

- Lever Lock Poly Ring ensures sealed and secure closure to protect sorbents from moisture, dirt and damage
- Rust- and corrosion-free 100% polyethylene is durable to withstand rough handling

Contents:

100 White HeavyWeight Oil-Only Defender™ Pads 15" x 19"
10 White Oil-Only Sorbent Socks 3" x 4'
5 White Oil-Only Sorbent Pillows 18" x 18"
2 Nitrile Gloves One Size
4 Yellow Temporary Disposal Bags & Ties 30" x 6" x 60"
1 Emergency Guidebook One Size
6 Tamper Proof Seals 6" x 2"
1 Vinyl Spill Kit Label 3" x 5"
1 Yellow 55 Gallon Drum with plastic lever lock Lid(UN 1H2/X100/S and 1H2/Y100/S) (container not included in refill kit) 23.75" dia. x 39.25"

Version	Universal	Oil-Only	HazMat
External Dimensions Dia x H [in]	24 x 40	24 x 40	24 x 40
Absorption Capacity [gal]	52	49	49
Shipping Weight [lbs]	56	56	56
Order number	M28-1612-U0	M28-1672-U0	M28-1656-U0
Price / Item(s)	\$ 235.00	\$ 221.00	\$ 257.00

65 Gallon Drum Overpack & Spill Kit

Tough, secure and highly visible, this top-quality screw topped overpack drum meets UN and DOT specifications

- This Spill Kit contains everything necessary to clean up a spill quickly and efficiently as well as provides a 65 Gallon Overpack for convenient and compliant disposal
- Contents are pre-packed in X-rated DOT-approved 65-Gallon Overpack (UN 1H2/X200/S)

Contents:

40 Pads - 15" x 19"
6 Socks - 3" x 8'
10 Socks - 3" x 4'
6 Pillows - 18" x 18"
2 Pair of Nitrile Gloves
3 Disposal Bags and Ties

from \$ 278.00

65 Gallon Drum Overpack & Spill Kit,
Order no. M28-1852-U0, \$ 278.00



	Oil-Only		Universal		HazMat	
Model	65-Gallon Spill Kit	65-Gallon Spill Kit - Refill	65-Gallon Spill Kit	65-Gallon Spill Kit - Refill	65-Gallon Spill Kit	65-Gallon Spill Kit - Refill
External Dimensions Dia x H [in]	28.3 x 37.4	22 x 22	28.3 x 37.4	22 x 22	28.3 x 37.4	22 x 22
Absorption Capacity [gal]	43.8	43.8	50.4	50.4	43.8	43.8
Shipping Weight [lbs]	82	36	82	45	82	43
Order number	M28-1852-U0	M28-1858-U0	M28-1850-U0	M28-1857-U0	M28-1853-U0	M28-1646-U0
Price / Item(s)	\$ 278.00	\$ 131.00	\$ 290.00	\$ 152.00	\$ 186.00	\$ 164.00

95 Gallon Drum Overpack & Spill Kit

Tough, secure and highly visible, this top-quality screw topped overpack drum meets UN and DOT specifications

- This Overpack Spill Kit contains everything necessary to clean up a large spill quickly and efficiently as well as provides a 95 Gallon Overpack for convenient and compliant disposal
- Contents are pre-packed in X-rated DOT-approved 95-Gallon Overpack (UN 1H2/X295/S, UN 1H2T/Y295/S)

Contents:

150 Pads - 15" x 19"
7 Pillows - 18" x 18"
12 Socks - 3" x 4'
6 Socks - 3" x 8'
3 Plugs and Dikes
4 Disposal Bags and Ties
1 Emergency Response Book
1 Pair of Safety Goggles
1 Pair of Nitrile Gloves

Emergency sets in three designs:

OIL	Absorbs oil and repels water
UNIVERSAL	Universally applicable, absorbs oil, water & other chemicals
HAZMAT	For acids, alkalis and chemicals

from \$ 437.00

95 Gallon Drum Overpack & Spill Kit,
Order no. M28-1890-U0, \$ 445.00



	Oil-Only		Universal		HazMat	
Model	95-Gallon Spill Kit	95-Gallon Spill Kit - Refill	95-Gallon Spill Kit	95-Gallon Spill Kit - Refill	95-Gallon Spill Kit	95-Gallon Spill Kit - Refill
External Dimensions Dia x H [in]	31.8 x 41.5	22 x 22	31.8 x 41.5	22 x 22	31.8 x 41.5	22 x 22
Absorption Capacity [gal]	79.7	79.7	86.9	86.9	79.7	79.7
Shipping Weight [lbs]	106	66	106	66	106	69
Order number	M28-1892-U0	M28-1894-U0	M28-1890-U0	M28-1893-U0	M28-1659-U0	M28-1647-U0
Price / Item(s)	\$ 437.00	\$ 286.00	\$ 445.00	\$ 309.00	\$ 459.00	\$ 309.00

Drain Covers

- Easy to use in emergencies
- Seal drains tightly to prevent spills from entering floor drains
- Made of chemically resistant flexible polyurethane and resist water, oil, and most aggressive chemicals
- Clean up with soap and water and reuse



Just give us a call. We would be pleased to provide you with advice!

» Expert advice: 800-216-7776



Product Description	Order number	Price / Item(s)
Square Drain Cover - 18 x 18	M28-5025-U0	\$ 128.00
Square Drain Cover - 24 x 24	M28-5030-U0	\$ 172.00
Square Drain Cover - 36 x 36	M28-5035-U0	\$ 343.00
Square Drain Cover - 42 x 42	M28-5040-U0	\$ 454.00
Square Drain Cover - 48 x 48	M28-5043-U0	\$ 446.00
Square Drain Cover - 54 x 54	M28-5045-U0	\$ 527.00
Square Drain Cover - 18 x 60	M28-5047-U0	\$ 262.00
Square Drain Cover - 36 x 60	M28-5049-U0	\$ 475.00

Product Description	Order number	Price / Item(s)
Round Drain Cover - 12"	M28-5052-U0	\$ 79.00
Round Drain Cover - 20"	M28-5055-U0	\$ 119.00
Round Drain Cover - 30"	M28-5058-U0	\$ 266.00
Round Drain Cover - 42"	M28-5061-U0	\$ 373.00

Drain Berms

- Prevent spills and leaks from reaching sanitary water or storm sewers
- Prevent spills from reaching storm and other drains
- Flexible urethane conforms to rough surfaces providing a tight seal

Product Description	Order number	Price / Item(s)
Drain Berm - 10 ft - Orange	M28-5070-U0	\$ 624.00
Drain Berm - 10 ft - Black	M28-5072-U0	\$ 518.00
Drain Berm - 90 degree corner - Orange	M28-5076-U0	\$ 70.00
Drain Berm - Black Connector	M28-5077-U0	\$ 29.00



Frameless Drain Inserts

- Storm Sentinel catch basin inserts are the ideal products for preventing harmful pollutants from washing into storm drains
- This adjustable curb inlet model slides easily into place and fits curb openings from 24"-30" wide
- It is lightweight, easy to use, and helps companies conform to NPDES by preventing contaminated sediment from entering stormwater systems

- Fits curb inlets 24"-30" wide
- Multiple sizes, models, and custom sizes available
- No special tools required for installation
- Sediment and Oils model that absorbs hydrocarbons



Frameless Drain Inserts - Sediment-Oils,
Order no. M76-1176-U0, \$ 53.00

Material Short Text, 40 characters	External Dimensions W x D [in]	Order number	Price / Item(s)
Frameless Storm Sentinel Inlet Insert-Sediment-Oil	48 x 36	M76-1174-U0	\$ 50.00
	60 x 60	M76-1176-U0	\$ 53.00

Product Description	Order number	Price / Item(s)
Storm Sentinel Curb Inlet Insert - Sediment	M76-1625-U0	\$ 56.00
Storm Sentinel Curb Inlet Insert - Sediment & Oils	M76-1626-U0	\$ 168.00

Framed Drain Inserts

- Framed Storm Drain inserts are the ideal products for preventing harmful pollutants from washing into storm drains
- Framed model comes complete with an adjustable steel wire frame for simple, one-person installation and removal
- Sits below the grate, making it low-profile and unobtrusive
- Geotextile fabric prevents contaminated sediment from washing into the drain, protecting you from fines and fees



from \$ 53.00



Product Description	Order number	Price / Item(s)
Storm Sentinel Catch Basin Insert - Sediment, Round - 27 in. to 29 in.	M76-1005-U0	\$ 53.00
Storm Sentinel Catch Basin Insert - Sediment, 16 in.x 20 in. to 28 in.x 36 in.	M76-1006-U0	\$ 53.00
Storm Sentinel Catch Basin Insert - Sediment, Round - 22 in. to 24 in.	M76-1178-U0	\$ 53.00
Storm Sentinel Catch Basin Insert - Sediment-Oils, Round - 27 in. to 29 in.	M76-1179-U0	\$ 74.00
Storm Sentinel Catch Basin Insert - Sediment-Oils, Round - 22 in. to 24 in.	M76-1180-U0	\$ 74.00
Storm Sentinel Catch Basin Insert - Sediment-Oils, 16 in.x 20 in. to 28 in.x 36 in.	M76-1181-U0	\$ 74.00
Storm Sentinel Catch Basin Insert - Sediment, 16 in.x 20 in. to 28 in.x 36 in. w/ No Overflow	M76-1182-U0	\$ 53.00
Storm Sentinel Catch Basin Insert - Sediment-Oils, XL - 25 in.x 25 in. to 42 in.x 42 in.	M76-1184-U0	\$ 84.00

Drain Plugs

- Prevent spills and leaks from reaching sanitary water or storm sewers with this 2" Drain Plug
- Conical shaped drain plugs are made of durable, chemical resistant PVC and designed with a "metal eye" for ease of insertion and removal
- For everyday use to keep spills and leaks from entering the drainage system, and during cleaning to prevent wastewater entry. Rinse and reuse

from \$ 68.00

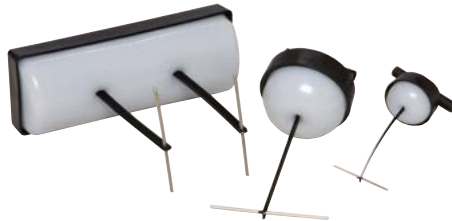


Product Description	Order number	Price / Item(s)
Drain Plug - 2"	M28-5005-U0	\$ 68.00
Drain Plug - 3"	M28-5007-U0	\$ 85.00
Drain Plug - 4"	M28-5009-U0	\$ 108.00
Drain Plug - 6"	M28-5011-U0	\$ 191.00

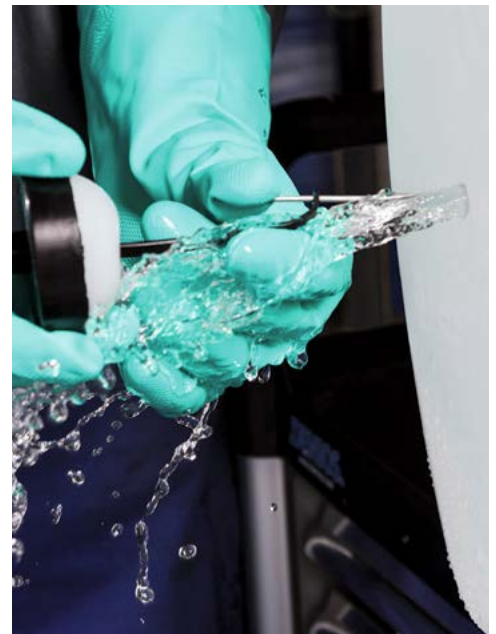
RuptureSeals

RuptureSeal™ is a line of quick and easy leak-stopping devices that is durable, easily deployed in seconds and forms a secure mechanical seal that stops the leak for hours. Using newly patented technology, RuptureSeal™ can safely close breaches, minimize damage, help protect the environment, preserve health and safety, potentially save thousands of dollars through spill remediation, and save lives. Keep the RuptureSeal on hand in case you experience an emergency leak - experience up to ten hours of relief until a permanent fix is available. The industrial RuptureSeal is operated quickly by compressing a silicone pad into the rupture, just pull back easily on the handle and the seal becomes mechanically fastened in place.

- Quick and easy to install
- Temporarily helps stop leaks
- Requires no tools



Product Description	Leak Diameter	Order number	Price / Item(s)
RuptureSeal - Small	1/8" - 1"	M28-0350-U0	\$ 36.00
RuptureSeal - Medium	1/4" - 2"	M28-0351-U0	\$ 51.00
RuptureSeal - Large	1/4" x 4" - 2" x 6"	M28-0352-U0	\$ 81.00
RuptureSeal - 3 Pack	1 of each (Small, Medium, Large)	M28-0353-U0	\$ 153.00
RuptureSeal - Pipe Leak Plug - 3 Pack	up to 3"	M28-0354-U0	\$ 41.00

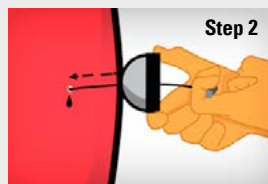


How to use:



Step 1

Approach the rupture from the side, outside the path of the flow of liquid. Flip the pin so it is parallel with the nylon tie.



Step 2

Insert the pin into the rupture. Once the pin is in the rupture, quickly let go and drive the plug into the rupture, holding it in place to stop the flow of liquid.



Step 3

As you push the plug into the rupture, GENTLY pull on the handle. When the handle is fully extended and the clicking stops, the RuptureSeal is deployed.

Leak Diverters

- Protect your plant and employees with a Drip Dam Leak Diverter
- Available in a wide variety of convenient sizes and comes with a standard 3/4" drain to divert liquids to a safe spot
- 10' and 25-leak-diverter-hose available
- Bungee cords for securing in place included
- Edges have grommets for proper positioning
- Custom sizes available
- High chemical resistance and durable design

from \$ 40.00



18 inch Round-Leak Diverter

Optional Accessory



- Safely lead spills away from work areas and into a containment unit with this clear plastic hose
- Comes with a standard 3/4 in. garden hose fitting and is also available in 10 or 25 foot sections.

Hose, 10 ft.,
Order no. M76-1206-U0, \$ 47.00

Hose, 25 ft.,
Order no. M76-1207-U0, \$ 65.00

Leak Diverter - available in different designs and dimensions. Hoses (10 or 25 feet are available as an option.

Product Description	Shipping Weight [lbs]	Order number	Price / Item(s)
3 ft.x 3 ft. - Leak Diverter	2	M76-1193-U0	\$ 40.00
3 ft.x 6 ft. - Leak Diverter	4	M76-1194-U0	\$ 45.00
3 ft.x 10 ft. - Leak Diverter	6	M76-1195-U0	\$ 84.00
5 ft.x 5 ft. - Leak Diverter	2	M76-1196-U0	\$ 47.00
6 ft.x 6 ft. - Leak Diverter	6	M76-1197-U0	\$ 74.00
6 ft.x 10 ft. - Leak Diverter	5	M76-1198-U0	\$ 95.00
6 ft.x 12 ft. - Leak Diverter	14	M76-1199-U0	\$ 131.00
10 ft.x 12 ft. - Leak Diverter	8	M76-1200-U0	\$ 158.00
12 ft.x 12 ft. - Leak Diverter	12	M76-1201-U0	\$ 179.00
12 ft.x 20 ft. - Leak Diverter	19	M76-1202-U0	\$ 373.00
18 ft.x 18 ft. - Leak Diverter	27	M76-1203-U0	\$ 347.00
24 ft.x 24 ft. - Leak Diverter	47	M76-1204-U0	\$ 551.00
10 ft x 10 ft - Leak Diverter	9	M76-1628-U0	\$ 140.00
18 in. Round - Leak Diverter	2	M76-1208-U0	\$ 74.00
Drop Ceiling Leak Diverter - 2x2 ft	2	M76-1622-U0	\$ 131.00
Drop Ceiling Leak Diverter - 2x4 ft	5	M76-1624-U0	\$ 158.00

6



At DENIOS, our goal is to provide products which will contribute to the safety of your personnel, facility and community - from the moment a chemical enters your plant to when the empty container is disposed. These include safe, reliable products used in the day to day handling of chemicals - regardless of whether you're handling the container, or the actual chemical. DENIOS Hazardous Material Handling Products and Accessories are a collection of products designed for the safe transport, processing, mixing, and dispensing of chemicals.

Handling Hazardous Materials

174 Pumps

188 Mixers

190 Heating Solutions for Drums and IBC-Totes

196 Induction Drum Heaters

198 Grounding and Bonding Cables

200 Drum & IBC Tote Tools, Wrenches & Faucets

204 Funnels

206 Safety Cans

214 Part Cleaners & Dip Tanks

216 Drums, IBC Totes & Tanks

221 Drum Handling Equipment

234 Forklift Attachments



Resistance Table for the Selection of Electric Drum Pumps

The following 5 variants of Pumps are available as ready-to-use sets. Or create your own Pump while using the single components. From page 181



Drum Pump Set 1 (PP/SS)

Acids and Bases

See page
176



Drum Pump Set 2 (PVDF)

Concentrated Acids and
Base Solutions

See page
178



Drum Pump Set 3 (ALU)

Mineral oils, Lubricants

See page
175



Drum Pump Set 4 (SS)

Ex proofFlammable liquids
like Acetone, Petroleum,
Isopropanol, Kerosene

See page
179



Drum Pump Set 5

Foods, Pharmaceuticals,
Flavors, Colorants

See page
180

Liquid examples	Set 1	Set 2	Set 3	Set 4	Set 5
Acetic acid *	•	•		•	•
Ammonia water		•			
Antifreeze	•	•	•		
Antioxidants					•
Battery acid	•	•			
Bleach (sodium hypochlorite)		•			
Boric acid	•	•			
Butanol / (butyl alcohol)				•	•
Calcium chloride	•	•			
Chlorine / chlorine water		•			
Cleaner Solvent					•
Colourants					•
Detergent					•
Diesel		•	•	•	
Ethanol (ethyl alcohol)				•	•
Ethyl acetate				•	•
Ferric chloride**	•	•			
Flavour					•
Foaming agent	•	•	•		
Food additives					•
Formaldehyde (formalin)		•			
Formic acid *	•	•		•	•
Gasoline (unleaded / super)				•	
Glycol (ethylene glycol)	•	•	•	•	
Heating oil		•	•	•	
Hydrochloric acid	•	•			
Kerosene				•	
Lactic acid		•			
Lubricants (cooling)		•	•	•	
Mineral oils		•	•	•	
Methanol (methyl alcohol)				•	•
Methylene glycol				•	
Nitric acid		•			
Nitro thinner				•	
Perchloroethylene		•			
Petroleum / Kerosene				•	
Phosphoric acid **	•	•			
Photo developer	•	•		•	
Potassium permanganate		•			
Propanol (propyl alcohol)				•	•
Seawater	•	•			
Silicone oil			•		
Sodium chloride	•	•			
Sodium hydroxide (sodium hydroxide) **	•				
Sodium hypochlorite		•			
Stabilizers					•
Sulfuric acid		•			
Turpentine				•	•
Water (dist. / Dem. Water)	•			•	•
Please find more details on catalog page:	176	178	175	179	180

* Depending on the concentration of acid, an explosion-proof version (Set 4) could be required!

** Depending on the concentration of the acid, a version with increased motor power (set 2 and 3) could be required!

Haven't found your liquid ? Please call DENIOS for more information.

High Volume Oil and Diesel Fuel Pump Sets - use with Drums and IBC Totes

- Used with nearly all kinds of thin-bodied oils and diesel fuel
- Lube-free pump tube, thus no contamination of the liquid
- Sealing modules of the sealless pump are replaceable



Consisting of:
Motor B36 with 16 ft cord or MD2xL air motor, pump tube ALU 39" / 47" / 55" sealless, high head impeller, 316 stainless steel shaft, PP Drum Adaptor, 1" aluminium Nozzle with swivel, 8 ft PVC Hose, Hose Clamps, Wall Hanger



Oil & Diesel Fuel Pump Sets - Electric

Oil & Diesel Fuel Pump Sets - Air-Powered



from \$ 1,315.00

	Electric			Air-Powered		
Suitable for	Hydraulic oil, machinery oil, motor oil, diesel, fuel oil	Hydraulic oil, machinery oil, motor oil, diesel, fuel oil	Hydraulic oil, machinery oil, motor oil, diesel, fuel oil	Hydraulic oil, machinery oil, motor oil, diesel, fuel oil	Hydraulic oil, machinery oil, motor oil, diesel, fuel oil	Hydraulic oil, machinery oil, motor oil, diesel, fuel oil
Drive Type	120 V, 0.85 HP, ODP	120 V, 0.85 HP, ODP	120 V, 0.85 HP, ODP	1.36 HP, 87 PSI, 53 CFM	1.36 HP, 87 PSI, 53 CFM	1.36 HP, 87 PSI, 53 CFM
Immersion Depth [in]	39	47	55	39	47	55
Shaft Material	ALU	ALU	ALU	ALU	ALU	ALU
Maximum Flow Rate [gpm]	15.9	15.9	15.9	15.9	15.9	15.9
Maximum Density [g/mL]	1.4	1.4	1.4	2.8	2.8	2.8
Maximum Viscosity [cps]	760	760	760	1,000	1,000	1,000
Order number	M51-0770-U0	M51-0775-U0	M51-0771-U0	M51-0777-U0	M51-0776-U0	M51-0772-U0
Price / Item(s)	\$ 1,315.00	\$ 1,375.00	\$ 1,474.00	\$ 1,622.00	\$ 1,681.00	\$ 1,779.00

Flow Meter

Oval gear Flow Meter

For efficient flow measurement of mineral oils and alternative fuels.

- Precision metering tells you exactly how much you're transferring
- Easy handling, compact design
- Quick and easy assembly onto the pump



\$ 391.00

Order no. M51-0912-U0



from \$ 660.00

Product Description	Order number	Price / Item(s)
Battery 10.8 V for Pump B1	M51-0501-U0	\$ 75.00
Battery Charger for Pump B1	M51-0500-U0	\$ 85.00
Drum Adapter 2", PP	M51-0752-U0	\$ 25.00
Drum Adapter 2", SS	M51-0751-U0	\$ 45.00



from \$ 855.00

Product Description	Order number	Price / Item(s)
Battery 21.6 V for Pump B2	M51-0503-U0	\$ 237.00
Battery Charger for Pump B2	M51-0502-U0	\$ 176.00
Drum Adapter 2", PP	M51-0752-U0	\$ 25.00
Drum Adapter 2", SS	M51-0751-U0	\$ 45.00

Chemical Pump Sets

- Use with low-viscosity acids, alkalis and chemicals
- Lightweight & compact design provides easy handling
- Automatic switch-off at overload
- Battery with modern Li-ion technology (please order separately)
- Stepless control, wear-free, low-noise BLDC motor
- Comes with resistant PVC hose (8 ft) and nozzle
- Choose between Pump Tubes with an Immersion Depth of 39, 47 or 55"



Suitable for	Battery Acid, Ammonia Water, Photographic Developer/-Fixer, Glycols, Phosphoric Acids, Hydrochloric Acid, Hydrogen Peroxide		
Immersion Depth [in]	19	27	39
Material Outer Tube	Polypropylene (PP)	Polypropylene (PP)	Polypropylene (PP)
Maximum Density [g/mL]	1.3	1.3	1.3
Maximum Flow Rate [gpm]	5.3	5.3	5.3
Maximum Viscosity [cps]	200	200	200
Order number	M51-0702-U0	M51-0701-U0	M51-0700-U0
Price / Item(s)	\$ 660.00	\$ 670.00	\$ 680.00

Powerful Pump Sets

- Particularly high performance, delivers up to 650 gal with one battery charge
- Lightweight & compact design provides easy handling
- Automatic switch-off at overload
- Battery with modern Li-ion technology (please order separately)
- Stepless control, wear-free, low-noise BLDC motor
- Comes with resistant PVC hose (8 ft) and nozzle
- Choose between pump tubes with an immersion depth of 39, 47 or 55"



Suitable for	Battery Acid, Ammonia Water, Photo Developer / Fixer, Glycols, Phosphoric Acid, Hydrochloric Acid and Hydrogen Peroxide			Oil-based Lubricants, Cold Cleaners and Plasticizers			e.g. Sodium Hypochlorite, Chlorine, Chromium, Sulfuric, Nitric and Hydrofluoric Acid		
Immersion Depth [in]	19	27	39	19	27	39	19	27	39
Material Outer Tube	Polypropylene (PP)			Stainless Steel (SS)			PVDF		
Maximum Density [g/mL]	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Maximum Flow Rate [gpm]	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Maximum Viscosity [cps]	400	400	400	400	400	400	400	400	400
Order number	M51-0805-U0	M51-0804-U0	M51-0803-U0	M51-0808-U0	M51-0807-U0	M51-0806-U0	M51-0802-U0	M51-0801-U0	M51-0800-U0
Price / Item(s)	\$ 855.00	\$ 890.00	\$ 955.00	\$ 2,320.00	\$ 2,320.00	\$ 2,395.00	\$ 1,575.00	\$ 1,590.00	\$ 1,720.00

Chemical Pump Sets - use with Small Containers and Drums up to 55 gallon

- An ideal pump for use with low-viscosity acids, alkalis and chemicals
- Perfect for a variety of applications in laboratories, hospitals, commercial and light facilities
- Safe filling from / in smaller containers and 55 gallon drums (drum adapter available as an accessory)
- Lightweight & easy to use
- Sealless and without any Lubricant
- Motor 230 V / 200 W with cable (10 ft) and plug
- Comes with hose (8 ft), hose clamps, nozzle, drum adapter and wall hanger
- Choose between Pump Tubes made of PP, PVDF or Stainless Steel (SS) with an immersion depth of 19, 27 or 39"



from \$ 610.00



Consisting of:
Motor B2-Vario with 16 ft cord, pump tube 39" / 47" / 55" sealless, high head impeller, Hastelloy C shaft, 1" PP Nozzle with swivel, 8 ft PVC or Chemical Hose, Hose Clamps, Wall Hanger

Suitable for	Salt, Battery, Formic Acid (50%), Developer, Chloric Acid			Oil-based Lubricants, Cold Cleaners and Plasticizers			Sodium Hypochlorite, Chlorine, Chromium, Sulfuric, Nitric and Hydrofluoric Acid		
Immersion Depth [in]	19	27	39	19	27	39	19	27	39
Material Outer Tube	Polypropylene (PP)			Stainless Steel (SS)			PVDF		
Included in Delivery	PVC Hose 8 ft						Chemical Hose 8 ft		
Maximum Density [g/mL]	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Maximum Flow Rate [gpm]	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Maximum Viscosity [cps]	300	300	300	300	300	300	300	300	300
Order number	M51-0711-U0	M51-0710-U0	M51-0715-U0	M51-0728-U0	M51-0727-U0	M51-0726-U0	M51-0418-U0	M51-0417-U0	M51-0416-U0
Price / Item(s)	\$ 610.00	\$ 641.00	\$ 701.00	\$ 884.00	\$ 905.00	\$ 935.00	\$ 1,226.00	\$ 1,266.00	\$ 1,207.00

Flow Meter

- Precision metering tells you exactly how much you're transferring
- Precise measurement - Quick, easy and precise
- Chemical resistance against corrosive and aggressive liquids
- Easy calibration
- Proven radial turbine technology
- Totalizer function
- Light weight, compact design with rotatable (90°) display
- For use up to max. 10 bar
- With connectible backlighting
- Comes together with two replaceable 1.5V batteries (Typ AAA)

\$ 530.00

Order no. M51-0913-U0





from \$ 1,098.00

Chemical Pump Sets - use with Drums and IBC Totes

Choose a high volume Acid / Base Pump for general use or one designed for highly corrosive, concentrated acids or caustics. Both styles are build for longlife use in harsh industrial environments.

- Powerful pump for use with acids and bases solutions
- Perfect for industrial use and laboratories if you work with larger quantities
- Sealless and without any lubricant
- Comes with high resistant PVC hose (8 ft), hose clamps, nozzle, drum adapter and wall hanger
- Choose between electric or air driven motor and an immersion depth of 39, 47 or 55"



Consisting of:

Motor B36 with 16 ft cord or MD2xL air motor, pump tube PP 39" / 47" / 55" sealless, high head impeller, Hastelloy C shaft, PP Drum Adaptor, 3/4" PP Nozzle, 8 ft PVC Hose, Hose Clamps, Wall Hanger

Model	Electric			Air-Powered		
Suitable for	Sodium Chloride, Kalihydrate, Ammonia Solution, Formic Acid and Acetic Acid, Hydrochloric Acid, Battery Acid, Ferric (III) Chloride, Phosphoric Acid, Chromic Acid and Citric Acid					
Immersion Depth [in]	39	47	55	39	55	47
Motor	120 V, 0.85 HP, ODP			1.36 HP, 87 PSI, 53 CFM		
Material Outer Tube	Polypropylene (PP)					
Maximum Density [g/mL]	1.4	1.4	1.4	2.8	2.8	2.8
Maximum Flow Rate [gpm]	13.2	13.2	13.2	13.2	13.2	13.2
Maximum Viscosity [cps]	760	760	760	1,000	1,000	1,000
Order number	M51-0750-U0	M51-0755-U0	M51-0757-U0	M51-0754-U0	M51-0758-U0	M51-0756-U0
Price / Item(s)	\$ 1,098.00	\$ 1,108.00	\$ 1,127.00	\$ 1,394.00	\$ 1,592.00	\$ 1,424.00
Accessories	Flow Meter PP					
Order number	M51-0913-U0	M51-0913-U0	M51-0913-U0	M51-0913-U0	M51-0913-U0	M51-0913-U0
Price / Item(s)	\$ 530.00	\$ 530.00	\$ 530.00	\$ 530.00	\$ 530.00	\$ 530.00



from \$ 2,631.00

Highly Corrosive Pump Sets - use with Drums and IBC Containers

Choose a high volume acid / base pump for general use or one designed for highly corrosive, concentrated acids or caustics. Both styles are build for longlife use in harsh industrial environments.

- Powerful pump for use with highly corrosive acid and base solutions
- Sealless and without any lubricant
- Comes with hose (8 ft), hose clamps, nozzle, drum adapter and wall hanger



Consisting of:

Motor B55T-5 with 16 ft cord or MD2xL air motor, pump tube PVDF 39" / 47" / 55" sealless, high head impeller, Hastelloy C shaft, PP DrumAdaptor, 1" PVDF Nozzle with swivel, 8 ft Chemical Hose, Hose Clamps, Wall Hanger

Model	Electric			Air-Powered		
Suitable for	Chloric Acid, Chromic Acid, Sulphuric Acid, Nitric Acid, Hydrofluoric Acid and Sodium Hypochlorite					
Immersion Depth [in]	39	47	55	39	47	55
Motor	120 V, 0.68 HP, TEFC			1.36 HP, 87 PSI, 53 CFM		
Maximum Density [g/mL]	1.6	1.6	1.6	2.8	2.8	2.8
Material Outer Tube	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Maximum Flow Rate [gpm]	13.2	13.2	13.2	13.2	13.2	13.2
Maximum Viscosity [cps]	760	760	760	1,000	1,000	1,000
Order number	M51-0760-U0	M51-0765-U0	M51-0773-U0	M51-0761-U0	M51-0762-U0	M51-0774-U0
Price / Item(s)	\$ 2,631.00	\$ 2,690.00	\$ 2,838.00	\$ 2,641.00	\$ 2,700.00	\$ 2,848.00

Flow Meter

- Precision metering tells you exactly how much you're transferring



Flow Meter PP, Order no. M51-0913-U0, \$ 530.00
Flow Meter PVDF, Order no. M51-0914-U0, \$ 650.00

Explosion-Proof Pump-Sets - Class I Groups C&D and Class II Groups F&G Approved

High Quality Pump Sets - choose from either electric or air driven motors for use with flammables liquids or in explosion rated areas or Hazardous Areas. Both Styles are build for safe and longlife use in harsh industrial environments.

- Use for dispensing from or filling of flammable liquids
- Explosion-proof pump sets - use with Drums and IBC Totes
- Comes with conductive hose (8 ft), hose clamps, ground & bonding wire, stainless steel dispensing nozzle, drum adapter and wall hanger
- Choose between electric or air driven motor and a stainless steel pump tube with an immersion depth of 39, 47 or 55"



Consisting of:
Motor ME I 6 EX, Class I Group C&D, Class II Groups F&G (Explosion Proof) with 16 ft cord or MD2xL air motor, speed controlled, pump tube SS 39" / 47" / 55" sealless, high head impeller 2" PP Drum Adaptor, 1" SS Nozzle with swivel, 8 ft. Conductive Chemical hose with Conductive Fittings, Ground & Bonding wires, Wall Hanger

Model	Electric			Air-Powered		
Suitable for	Ethanol, Gasoline, Butanol, Isopropanol, Kerosene, Methanol and Petroleum, Acetone, Conc. Formic Acid, Ethyl					
Immersion Depth [in]	39	47	55	39	47	55
Drive Type	120 V, 0.5 HP, TEFC			1.36 HP, 87 PSI, 53 CFM		
Material Outer Tube	Stainless Steel (SS)					
Maximum Density [g/mL]	1.6	1.6	1.6	2.8	2.8	2.8
Maximum Flow Rate [gpm]	13.2	13.2	13.2	13.2	13.2	13.2
Maximum Viscosity [cps]	750	750	750	1,000	1,000	1,000
Order number	M51-0780-U0	M51-0785-U0	M51-0796-U0	M51-0790-U0	M51-0795-U0	M51-0797-U0
Price / Item(s)	\$ 3,827.00	\$ 3,877.00	\$ 4,193.00	\$ 3,452.00	\$ 3,491.00	\$ 3,808.00

from \$ 3,452.00

Perfect combination for mixing and pumping emulsions, suspensions or flammable mixture with solvent or alcohol components

Combining mixing and pumping in one operation means no more switching equipment to complete the job.

- This combined system assures uniform and consistent dispensing of multi-part liquids or liquids comprised of solvents and suspended solids such as paints, inks
- Sealless and without any lubricant
- High Volume Pump Sets for different applications - use with 55 gallon drums
- Available in standard version or explosion-proof for use with flammable liquids
- Accessory sets with high resistant hoses (8 ft), nozzles, and drum adapters are available to finish your system

from \$ 1,620.00

Perfect combination for mixing and pumping emulsions, suspensions or flammable mixture with solvent or alcohol components



Suitable for	Immersion Depth [in]	Drive Type	Maximum Viscosity [cps]	Maximum Density [g/mL]	Maximum Flow Rate [gpm]	Shaft Material	Order number	Price / Item(s)	Accessories	Order number	Price / Item(s)
General chemical mixtures such as water based paints	39	120 V, 0.85 HP, ODP	500	2.0	23	Polypropylene (PP)	M51-0645-U0	\$ 1,620.00	Set: 8 ft Hose, Nozzle, Drum Adapter	M51-0483-U0	\$ 1,540.00
Food or Pharmaceutica applications	39		100	1.5	51	Stainless Steel (SS)	M51-0650-U0	\$ 2,320.00		M51-0481-U0	\$ 1,730.00
Flammable mixtures with solvent or alcohol components	39	120 V, 0.68 HP, TEFC	100	1.5	47	Stainless Steel (SS)	M51-0657-U0	\$ 2,710.00		M51-0482-U0	\$ 1,410.00

High Quality Pumps meeting FDA and A3 requirements - for Drums and IBC Containers

Pumps in contact with food products are considered to be "food contact materials" and are thus subject to strict legal regulations. These products are conform with the FDA Approval. A versatile and variable drum pump ideal for corrosive and neutral, aqueous to slightly viscous fluids in the production and processing of food products.

i Pump sets consisting of:
Electric or air driven motor, 8 ft. Food Grade Hose 1", conductive, Tri-clamp connections, 39" / 47" / 55", high-head ETFE impeller, 2" SS drum adapter, SS Nozzle / EPDM seal, with swivel, Wall hanger, Ground & Bonding wires

- Physiologically safe version
- Materials: Stainless Steel, ETFE, EPDM and FPM
- Constructed of long-lasting, high-quality materials
- Tri Clamp connection for fast and easy cleaning
- Choose between standard or explosion-proof units and electric or air driven motors and pump tubes standard or for complete drainage.

Complete Pump Sets including high resistant Hose (8 ft), Nozzles, and Drum Adapter



Model	Electric			Air-Powered			Electric XP			Air-Powered XP		
Suitable for	Food products, additives, flavour, colourants, stabilizers, antioxidants, detergent						Alcohol-based food products as well flammable detergents					
Immersion Depth [in]	39	47	55	39	47	55	39	47	55	39	47	55
Drive Type	120 V, 0.68 HP, TEFC			1.36 HP, 87 PSI, 53 CFM			120 V, 0.68 HP, TEFC			1.36 HP, 87 PSI, 53 CFM		
Material Outer Tube	Stainless Steel (SS)											
Maximum Density [g/mL]	1.6	1.6	1.6	2.8	2.8	2.8	1.6	1.6	1.6	2.8	2.8	2.8
Maximum Flow Rate [gpm]	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
Maximum Viscosity [cps]	1,000	1,000	1,000	1,000	1,000	1,000	750	750	750	1,000	1,000	1,000
Order number	M51-0923-U0	M51-0922-U0	M51-0921-U0	M51-0934-U0	M51-0933-U0	M51-0932-U0	M51-0929-U0	M51-0928-U0	M51-0927-U0	M51-0937-U0	M51-0936-U0	M51-0935-U0
Price / Item(s)	\$ 3,995.00	\$ 4,110.00	\$ 4,110.00	\$ 4,150.00	\$ 4,200.00	\$ 4,200.00	\$ 4,600.00	\$ 4,650.00	\$ 4,700.00	\$ 4,200.00	\$ 4,280.00	\$ 4,320.00

Pump Motors and Tubes

- Create your own pump while using this standard sets with Motor and Pump Tube
- Comes together with a potentiail bonding cable, without hose, nozzle and drum adapter
- Available with optional complete drainage function



Model	Electric Pump	Electric Pump - Complete Drainage	Electric XP	Electric XP - Complete Drainage
Suitable for	Food products, additives, flavour, colourants, stabilizers, antioxidants, detergent	Food products, additives, flavour, colourants, stabilizers, antioxidants, detergent	Alcohol-based food products as well flammable detergents	Alcohol-based food products as well flammable detergents
Motor	120 V, 0.68 HP, TEFC		120 V, 0.5 HP, TEFC	
Material Outer Tube	Stainless Steel (SS)			
Maximum Density [g/mL]	1.6	1.6	1.6	1.6
Maximum Flow Rate [gpm]	27.0	18.5	27.0	18.5
Maximum Viscosity [cps]	350	500	350	500
Immersion Depth [in]	39	39	39	39
Order number	M51-0926-U0	M51-0925-U0	M51-0931-U0	M51-0930-U0
Price / Item(s)	\$ 1,655.00	\$ 2,365.00	\$ 2,295.00	\$ 2,895.00
8 ft Food Grade Hose1/4" with EPDM Sealings				
Order number	M51-0941-U0	M51-0941-U0	M51-0942-U0	M51-0942-U0
Price / Item(s)	\$ 645.00	\$ 645.00	\$ 575.00	\$ 575.00
Stainless Steel Nozzle with Hoop Guard, Swivel and Sealings				
Order number	M51-0939-U0	M51-0939-U0	M51-0938-U0	M51-0938-U0
Price / Item(s)	\$ 695.00	\$ 695.00	\$ 710.00	\$ 710.00

Individual Components & Accessories for Pumps

Whether you want to design your own pump, need a replacement part for an existing pump, or want to add accessories to maximize functionality, we've got you covered. DENIOS offers a complete selection of parts and accessories to keep you pumping.

Motors



Model	B 28	B 36-SC	B55-T5	B 55-T7	4 GT	ME I 6	MD 2 xL
Suitable for	Ordinary Locations					Hazardous Areas, C1D2	
Power [W]	800	640	510	700	220	460	1,000
Horsepower	1.07 HP	0.85HP	0.68 HP	0.93 HP	0.3 HP	0.5 HP	1,36 HP
Version	Electric, Open Drip Proof (ODP)	Electric, Open Drip Proof (ODP), Variable Speed Control	Electric, Total enclosed, Fancooled (TEF)	Electric, Total enclosed, Fancooled (TEF)	Compressed Air	Electric, Variable Speed Control	Compressed Air
Voltage	120 V / 60 Hz	120 V / 60 Hz	120 V / 60 Hz	120 V / 50 Hz	Air 14 CFM, 87 PSI	120 V / 60 Hz	Air 14 CFM, 87 PSI
Included in delivery	16' cord with plug	—	16' cord with plug	16' cord with plug	—	16' Cord with plug	—
Order number	M51-0830-U0	M51-0829-U0	M51-0827-U0	M51-0826-U0	M51-0825-U0	M51-0828-U0	M51-0831-U0
Price / Item(s)	\$ 520.00	\$ 555.00	\$ 720.00	\$ 995.00	\$ 365.00	\$ 1,200.00	\$ 1,105.00

Pump Tubes*



Suitable for	Pumping										Pumping with Complete Drainage				Pumping and Mixing			
Material Outer Tube*	PP		PVDF		ALU		SS		HC		PP		SS		PP		SS	
Mounting	non Ex-Zone						Zone 0 allowed				non Ex-Zone		Zone 0 allowed		non Ex-Zone		Zone 0 allowed	
Immersion Depth [in]	39	47	39	47	39	47	39	47	39	47	39	47	39	47	39	47	39	47
Shaft Size Dia [in]	41	41	41	41	41	41	41	41	42	42	41	41	41	41	41	41	41	41
Primary Thermostat	122°F	122°F	212°F	212°F	212°F	212°F	212°F	212°F	248°F	248°F	122°F	122°F	212°F	212°F	122°F	122°F	212°F	212°F
Order number Rotor	M51-0973-U0	M51-0972-U0	M51-0969-U0	M51-0968-U0	M51-0965-U0	M51-0964-U0	M51-0961-U0	M51-0960-U0	M51-0953-U0	M51-0952-U0	—	—	—	—	—	—	M51-0955-U0	M51-0954-U0
Price / Item(s)	\$ 440.00	\$ 460.00	\$ 810.00	\$ 865.00	\$ 505.00	\$ 565.00	\$ 715.00	\$ 770.00	\$ 4,300.00	\$ 4,650.00	—	—	—	—	—	—	\$ 1,995.00	\$ 2,250.00
Order number Impeller	M51-0971-U0	M51-0970-U0	M51-0967-U0	M51-0966-U0	M51-0963-U0	M51-0962-U0	M51-0959-U0	M51-0958-U0	M51-0951-U0	M51-0950-U0	M51-0977-U0	M51-0976-U0	M51-0957-U0	M51-0956-U0	M51-0975-U0	M51-0974-U0	—	—
Price / Item(s)	\$ 440.00	\$ 460.00	\$ 810.00	\$ 865.00	\$ 505.00	\$ 565.00	\$ 715.00	\$ 770.00	\$ 4,300.00	\$ 4,650.00	\$ 1,325.00	\$ 1,385.00	\$ 1,465.00	\$ 1,560.00	\$ 1,390.00	\$ 1,355.00	—	—

*see chart below (green box) for additional information

Suitable for use in the food, cosmetic and pharma industry

- Precision metering tells you exactly how much you're transferring
 - Easy to clean
 - Suitable for all non-ex applications, for using in hazardous areas please call for details
- Order no. M51-0940-U0, \$ 3,700.00



Rotor or Impeller - select your optimal Pump Tube

Rotor - Axial-flow	Impeller - Radial-flow
Emptying big containers, pumping high flow rates	Decreasing the flow rate the limiting values of density and viscosity increase
Light and thin-bodied liquids	Heavy and viscous liquids
Low pressure drops	Pressure drops due to valves, fittings, flow meter
Large flow rate (max. capacity 60 GPM)	Small flow rate (max. 27 GPM)
Noticeable decrease of the flow rate at increasing operating pressure	Small decrease of the flow rate at increasing operating pressure



Chemical Compatibility of pump tubes — please call if you don't see your chemical listed here.
Polypropylen PP: aluminum sulfate, calcium hydroxide, citric acid, ferric chloride, hydrochloric acid, hydrogen peroxide, polymers, potassium permanganate, soda ash, sodium bisulfate, sodium hydroxide
PVDF: aluminum sulfate, bleach, calcium hydroxide, citric acid, ferric chloride, hydrochloric acid, hydrofluosilicic acid, hydrogen peroxide, polymers, potassium permanganate, soda ash, sodium hypochlorite, sodium bisulfate, sodium hydroxide, sulfuric acid
Aluminum: non-flammable, thin-bodied oils and lubricants
Stainless Steel SS: methanol and many flammable liquids

Dispensing Nozzles

Use optional dispensing nozzles to stop flow momentarily without having to shut off your pump.

- For filling and transferring neutral and aggressive liquids



from \$ 104.00

Version	hose line 3/4"	male thread 1 1/4" BSP with swivel	hose barb 3/4"	hose barb 1"	hose barb 3/4" with swivel	hose barb 1" with swivel	male thread 1 1/4" BSP with swivel	hose barb 3/4"	hose barb 1"	hose barb 3/4" with swivel	hose barb 1" with swivel	male thread 1 1/4" BSP with swivel	hose barb 3/4" with swivel	hose barb 1" with swivel	hose barb 1 1/4" with swivel
Material	PP						PVDF					SS			
Suitable for	neutral and aggressive liquids	Neutral and Aggressive Liquids										Food and Pharmaceuticals			
Size	Outlet Spout 0.47" diameter, conical	Outlet Spout 0.9" diameter, cylindrical													
Operating Pressure	14.5 psi at 68°F	43.5 psi at 68°F													
Maximum Viscosity [cps]	300	760	760	760	760	760	760	760	760	760	760	760	760	760	760
Maximum Flow Rate [gpm]	10.5	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
Max. Temp Setting	122 °F	122 °F	122 °F	122 °F	122 °F	122 °F	176 °F	176 °F	176 °F	176 °F	176 °F	176 °F	176 °F	176 °F	176 °F
Order number	M51-0824-U0	M51-0819-U0	M51-0818-U0	M51-0817-U0	M51-0816-U0	M51-0815-U0	M51-0814-U0	M51-0813-U0	M51-0812-U0	M51-0811-U0	M51-0810-U0	M51-0823-U0	M51-0822-U0	M51-0821-U0	M51-0820-U0
Price / Item(s)	\$ 104.00	\$ 186.00	\$ 193.00	\$ 193.00	\$ 213.00	\$ 213.00	\$ 469.00	\$ 489.00	\$ 489.00	\$ 515.00	\$ 515.00	\$ 683.00	\$ 719.00	\$ 719.00	\$ 723.00

Optional Accessory

Flow Meter

- Precision metering tells you exactly how much you're transferring
- High precision through overrun correction and characteristic adjustment
- Touch screen display with simple plain-text operation
- Safety and monitoring functions plus integrated help function
- Batch control functionality
- comes with durable lithium battery
- Plug & play modular design

from \$ 1,343.00



Material	PPO	PPO	Stainless Steel
Suitable for	for neutral liquids such as water, heating oil, diesel and hydraulic fluids	for aggressive acids and caustic solutions such as hydrochloric acid, sulphuric acid and caustics	for highly flammable and aggressive media such as ether, styrene, xylene, nitric acid and tetrahydrofuran
Maximum Viscosity [cps]	2,000	2,000	5,000
Version	2" - 11/4" BSP	2" - 11/4" BSP	11/4" BSP
Range of Flow	2.6 - 26.4 gpm	2.6 - 26.4 gpm	2.6 - 26.4 gpm
Order number	M51-0846-U0	M51-0845-U0	M51-0844-U0
Price / Item(s)	\$ 1,343.00	\$ 1,413.00	\$ 3,363.00



Foot Strainer

- For mounting over the pump foot
- Keeps impurities away from the rotating parts

Transparent PVC Hose

- For non flammable liquids
- Suitable for Medium 32 up to 140 °F
- Operating Pressure max. 87 PSI



Size	3/4"	1"	1 1/4"
Order number	M51-0834-U0	M51-0833-U0	M51-0832-U0
Price / Item(s)	\$ 6.00	\$ 6.00	\$ 10.00
Accessories	Hose Clamps 3/4"	Hose Clamps 1"	Hose Clamps 1 1/2"
Order number	M51-0836-U0	M51-0837-U0	M51-0835-U0
Price / Item(s)	\$ 3.00	\$ 3.00	\$ 3.00

Material	PP	PVDF	Stainless Steel	SS (B70)
Suitable for	Pump tube: PP dia 1.62"	Pump tube: PVDF & HC dia 1.62"	Pump tube: SS dia 1.62"	Pump tube: B 70-V
Order number	M51-0842-U0	M51-0841-U0	M51-0843-U0	M51-0809-U0
Price / Item(s)	\$ 50.00	\$ 112.00	\$ 161.00	\$ 198.00

Air Pump for Acids and Corrosives

All 316 stainless steel construction is great for pumping acids and corrosives. Impeller, auger and spacer made of Teflon, hose is EPDM. Provides 1 1/16" discharge spout with 3/4" threaded female adapter

- Pumps are self-priming and self-draining
- Pumps 720 gallons per hour using a 1/2 horsepower, 6000 RPM motor
- Bung adapter provides a 1/4" air inlet
- All 316 stainless steel construction is great for pumping acids and corrosives
- Impeller, auger, and spacer made of teflon, hose is EPDM
- Provides 1 1/16" discharge spout with a 3/4" threaded female adaptor

	Air Pump for Acids and Corrosives
Immersion Depth [in]	39
Maximum Flow Rate [gpm]	12
Tube Material	SS
Shaft Material	SS
Drive Type	27 cfm Air
Order number	M51-0769-U0
Price / Item(s)	\$ 935.00



\$ 935.00

Order no. M51-0769-U0

Air Powered Oil Transfer Pumps

- Comes ready to use - no lubricators required
- Great for pumping motor oil, gear oil, or transmission fluid
- Comes with 2" bung adapter
- Choose between a 1:1 pressure ratio between inlet and outlet which pumps 10 gpm or a 3:1 ratio pumping 5.8 gpm

	1:1 ratio	3:1 ratio
Immersion Depth [in]	39	39
Maximum Flow Rate [gpm]	10	6
Tube Material	AL	AL
Shaft Material	AL	AL
Drive Type	12.3 cfm Air	12.3 cfm Air
Order number	M51-0778-U0	M51-0779-U0
Price / Item(s)	\$ 574.00	\$ 597.00



from \$ 574.00

For completely enclosed Pallet Systems



See page
120

Use Spill Containment Sumps for your safe storage of hazardous materials



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32

Mobile Pump Trolley

This trolley is ideal for internal transport and safe filling at different locations. The large wheels (diameter 10 inch) ensure easy transport. The additional swivel castors (with arrestors) make manoeuvrability even in narrow spaces a breeze.

- Safe transport of drums
- Easy to handle due to large wheel and practical casters
- Place your pump directly on the trolley
- Use the prepared holding device for the nozzle
- Suitable for all drums up to 55 gal and pump tubes with max. 2.4 inch diameter and a hose with max 5 ft length



Ergonomic handle can be gripped safely even when wearing protective gloves



Storage compartment for Nozzle



Backwall with integrated compartment for storing absorbent pads and goggles



Holding device for pump tube



Large wheels (10 in diameter) for easy transport and 5 in swivel castors (with arrestors) for perfect manoeuvrability



Mobile Pump Trolley shown here together with 55 gallon drum and a battery pump. Thus, a completely self-sufficient unit for filling machines can be created.

	Mobile Pump Trolley
External Dimensions W x D x H [in]	30.2 x 33.9 x 43.3
Total Load Capacity [lbs]	880
Shipping Weight [lbs]	51
Order number	K22-0265-U0
Price / Item(s)	\$ 459.00

Suitable for nearly all kind of pumps:



Protect yourself with PPE Equipment



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Dual Action Siphon-Lift Pump

- Quickly drains containers and spill sumps
- Supplied with 6' intake and 3' outlet hoses
- Non-sparking construction is compatible with fuels



\$ 55.00

Order no. M51-0240-U0

High Quality Hand Lever Piston Pump

- Great for dispensing oils, anti-freeze and mild acids
- Nitrile seals are standard
- Anti-drip nozzle prevents splashing
- Dispenses 11 oz per stroke



\$ 89.00

Order no. M51-0210-U0

Heavy/High Viscosity Liquid Pump

- Use for liquids up to SAE 90W
- Lever action pump
- Telescoping suction tube for use with 15, 30, and 55-gallon drums
- Delivers 10 oz per stroke



\$ 124.00

Order no. M51-0215-U0

Metering Stroke Pump

- Can be calibrated for quart or liter dispensing
- Heavy duty cast iron construction
- Use with oils and other non-corrosive, non-flammable liquids
- Return drain eliminates drips and waste



\$ 261.00

Order no. M51-0105-U0

High Transfer Volume Piston Head Pump

- Suitable for fuels and light oils
- Lightweight cast aluminum body with stainless inner liner
- Lockable steel yoke handle
- Delivers up to 20 GPM



\$ 197.00

Order no. M51-0110-U0

UL Listed Transfer Pump

- For fuels and other medium viscosity oils
- Telescoping suction pipe extends from 22" to 40"
- Equipped with a 8-foot hose and non-sparking nozzle
- Delivers up to 10 GPM

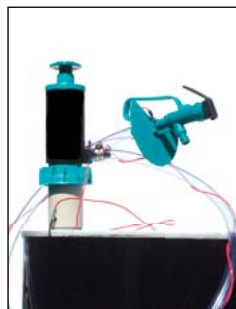


\$ 297.00

Order no. M51-0115-U0

Hand Pumps for Drums and Pails

- Hand-pressurized pumps provide even, measurable flow control with a minimum of manual effort
- Ideal for small pails, carboys, and 55 gallon drums
- Pump performance: Up to 4.5 gal/min for water and up to 2 gal/min for SAE 30 Oil (70 degrees)
- EPDM seals for general purpose chemicals tubing acids, acetates, alcohols, and phosphates



	Red / Nitrile	Blue / EPDM	Green / Viton
Order number	M51-0062-U0	M51-0064-U0	M51-0066-U0
Price / Item(s)	\$ 239.00	\$ 245.00	\$ 406.00
Accessories			
	Remote Nozzle (tubing not included)		
Order number	M51-0068-U0	M51-0069-U0	M51-0070-U0
Price / Item(s)	\$ 95.00	\$ 95.00	\$ 113.00

T-Handled Stainless

- Stainless and Teflon construction is compatible with most common corrosives, detergents, and acids
- Dispenses 22 oz per stroke
- Includes 2" bung adapter
- 1 1/4" x 41" long



\$ 123.00

Order no. M51-0162-U0

PVC Drum + Pail

- Pump is 100% PVC and resistant to a wide range of liquids
- Dispenses 8 oz per stroke
- Fits both 3/4" and 3" openings
- Attaches to 15, 30, and 55-gallon drums



\$ 32.00

Order no. M51-0230-U0

Poly Siphon Pump

- Bellows action quickly provides siphon action to quickly empty containers
- Perfect for water-based solutions, soaps, anti-freeze, and mild-corrosives
- Pumps up to 5 GPM
- Fits 2" bung adaptor
- Equipped with 4-foot discharge hose



\$ 12.00

Order no. M51-0040-U0

High Viscosity Pump

- Lever action pump is ideal for high viscosity fluids including motor oil, paraffin, and other lubricants
- Dispenses 32 oz per stroke
- Includes 2" bung adapter and telescoping tube



\$ 80.00

Order no. M51-0175-U0

High Speed Rotary Pump

- Great for transferring petroleum fluids
- Delivers 20 GPM
- Sturdy cast iron body with steel suction tube and 8' discharge hose
- 2" bung adapter



\$ 509.00

Order no. M51-0145-U0

Rotary Pump

- Suited for many organic acids, alcohols, and detergents
- Polypropylene construction
- Self-priming hand crank design
- Delivers 8 GPM
- Includes 3 pc. suction tube



\$ 112.00

Order no. M51-0280-U0

Ryton Rotary Pump

- Provides extended life when transferring aggressive chemicals
- Use for ketones, alcohols, and bases
- Delivers 6 GPM
- Equipped with Viton lip seal, O-rings and stainless discharge tube



\$ 159.00

Order no. M51-0285-U0

Acid Pump

- Equipped with Viton valves and seals
- Durable PVC body and shaft
- Delivers 28 oz per stroke
- Fits standard 2" bungs
- Pump and shaft are 38" long



\$ 178.00

Order no. M51-0225-U0

Stainless Steel Pump

- Ideal for most acids and corrosives
- Delivers 8 oz per stroke
- Includes 22" Teflon extension tube and plunger
- 2" bung adapter



\$ 122.00

Order no. M51-0151-U0

High Quality Plastic Chemical Dispensing Pump

- Polypropylene inhibits corrosion and contamination from most chemicals
- Adjustable dispensing provides 2, 4, 6, or 8 oz per stroke
- Fits both 3/4" and 2" bung openings
- Swivel spigot provides 360 degree rotation



\$ 14.00

Order no. M51-0220-U0

Hand Held Mixers

Handle Bar or Pistol Grip Air Mixer

Popular for mixing liquids in containers up to 55 gallons. Can also be used to mix mortar, drywall compound and similar materials in 5-gallon containers.

- Air control valve for speed adjustment
- Optional "Deadman" trigger on right handle for safety



Handle Bar for Mixer

Usage	for 5 to 10 gal pails	for 55 gal drums
Shaft Size Dia [in]	0.5	0.5
Shaft Size Length [in]	21	40
Mixing Head Diameter [in]	5	5
Shipping Weight [lbs]	16	30
Order number - Hand Held	M51-5241-U0	M51-5242-U0
Price / Item(s)	\$ 675.00	\$ 744.00
Order number - Handle Bar	M51-5243-U0	M51-5244-U0
Price / Item(s)	\$ 748.00	\$ 795.00



Drum Mixers for High Viscosity Chemicals

- Shaft and propeller are Stainless Steel 316
- Available in Totally Enclosed Fan Cooled (TEFC) and Explosion Proof Class I Group D motors
- For mixing extremely heavy or shear sensitive chemicals in drums
- Designed to screw into standard 2-in. bung opening on 55-gallon drums

Drive Type	TEFC	TEFC
Maximum Viscosity [cps]	1,000	4,000
HP/Elec	1/3HP-1-115/230	1/2HP-1-115/230
Shipping Weight [lbs]	35	45
Order number	M51-5290-U0	M51-5291-U0
Price / Item(s)	\$ 905.00	\$ 1,012.00

Drive Type	XP	XP
Maximum Viscosity [cps]	4,000	4,000
HP/Elec	1/3HP-1-115/230	1/2HP-1-115/230
Shipping Weight [lbs]	36	45
Order number	M51-5292-U0	M51-5293-U0
Price / Item(s)	\$ 1,263.00	\$ 1,307.00



Bung Connection



Rim Clamp

Drum Mixers for Low Viscosity Chemicals

Choose between two styles for water-like solutions utilizing a folding propeller and two styles for viscous fluids which use permanent blades and are offered in higher horsepower.

- Shaft and folding propeller are 316SS. Propeller folds for entry; opens to 3 3/4-in. diameter when operating
- Motors are available in TEFC or explosion-proof enclosures (56C frame)

	Bung Connection			
Drive Type	Totally Enclosed Fan Cooled	Totally Enclosed Fan Cooled	XP Class 1 Group D	XP Class 1 Group D
HP/Elec	1/3HP-1-115/230	1/2HP-1-115/230	1/3HP-1-115/230	1/2HP-1-115/230
Shipping Weight [lbs]	35	45	45	55
Order number	M51-5286-U0	M51-5287-U0	M51-5295-U0	M51-5296-U0
Price / Item(s)	\$ 939.00	\$ 1,000.00	\$ 1,258.00	\$ 1,431.00

	Rim Clamp		
Drive Type	Totally Enclosed Fan Cooled	Totally Enclosed Fan Cooled	Explosion-proof Class 1 Group D
HP/Elec	1/3HP-1-115/230	1/2HP-1-115/230	1/2HP-1-115/230
Shipping Weight [lbs]	50	55	55
Order number	M51-5288-U0	M51-5289-U0	M51-5298-U0
Price / Item(s)	\$ 960.00	\$ 1,051.00	\$ 1,456.00

Versatile mixers for use in a wide variety of mixing applications. Attach to closed head or open head drums as well as IBC's and other tanks.

Air Powered Mixers

- Come standard with variable speed
- Standard shaft size for all units is 5/8" x 27"
- All units come standard with dual propeller
- Blades and shafts constructed from stainless steel
- Propeller position can be easily adjusted

Electric Mixers

- Come standard with 1725 rpm motors
- Standard shaft size for all units is 5/8" x 27"
- Alternative shaft sizes available
- All units come standard with dual propeller
- Blades and shafts constructed from stainless steel
- Propeller position can be easily adjusted



Air Powered C-Clamp Mixer,
Order no. M51-5220-U0



Electric Straddle Mount Mixer,
Order no. M51-5485-U0



Electric Bung Mount Mixer,
Order no. M51-5460-U0

from \$ 2,150.00

Drive Type	Air		Electric	
Horsepower	1	1	3/4	3/4
Blade Type	Collapsible	3-Blade	Collapsible	3-Blade
Blade Size	4"	6"	4"	5"
Order number Bung Mount	M51-5255-U0	—	M51-5460-U0	—
Price / Item(s)	\$ 2,150.00	—	\$ 2,150.00	—
Order number C-Clamp Mount	—	M51-5220-U0	—	M51-5420-U0
Price / Item(s)	—	\$ 2,200.00	—	\$ 3,689.00
Order number Straddle Mount	—	M51-5280-U0	—	M51-5485-U0
Price / Item(s)	—	\$ 3,158.00	—	\$ 3,405.00



Flexible Heating Jackets

- Modern heating technology - heats quickly and uniform
- Great for controlling viscosity and flow control
- Ability to operate in range of temps (-40°F to +104°F)
- All units thermostatically controlled
- High grade thermal insulation to reduce heat loss and increase efficiency while providing protection for the operator
- Safe to use 24/7 - Fit and forget, no regular maintenance required
- Fitted with NEMA 1-15P plug
- Fitted with adjustable retaining straps and quick release buckles
- Choose between a low and a high power versions for use in ordinary or hazardous Areas (C1D2)



**For Ordinary Industrial Locations ETL approved to UL and CSA Standards.
Hazardous Areas C1D2 certified to UL / CSA standards (ETL marked) Class 1 Division 2.**



Heating Jacket for use in Hazardous Areas C1D2, Order no. M51-5625-U0



from \$ 486.00

Heating Jackets are sized for 5 to 55 gallons, Order no. M51-5606-U0

Container Size	5 gallon		15 gallon		30 gallon		55 gallon				
Compatibility	Ordinary Locations	Hazardous Areas C1D2	Ordinary Locations	Hazardous Areas C1D2	Ordinary Locations	Hazardous Areas C1D2	Ordinary Locations		Hazardous Areas C1D2		
min. Circumference [in]	34.0		43.5		55.0		71.0				
max. Circumference [in]	40.0		50.0		65.0		77.0				
Height [in]	16		18		18		34		18		
Shipping Weight	6					7		14	19	14	8
Primary Thermostat	32-194 °F	Fixed 122 °F	32-194 °F	Fixed 122 °F	32-194 °F	Fixed 122 °F	32-194 °F	32-194 °F	Fixed 194 °F	Fixed 122 °F	
Secondary Thermostat	–	Fixed 128 °F	–	Fixed 128 °F	–	Fixed 128 °F	–	–	Fixed 248 °F	Fixed 128 °F	
Power [W]	250	250	300	300	450	450	800	1,450	1,200	600	
Order number	M51-5600-U0	M51-5617-U0	M51-5602-U0	M51-5619-U0	M51-5604-U0	M51-5621-U0	M51-5607-U0	M51-5608-U0	M51-5624-U0	M51-5623-U0	
Price / Item(s)	\$ 400.00	\$ 783.00	\$ 429.00	\$ 824.00	\$ 446.00	\$ 851.00	\$ 776.00	\$ 1,507.00	\$ 1,978.00	\$ 805.00	

Primary Thermostat	32-320 °F	Fixed 194 °F	32-320 °F	Fixed 194 °F	32-320 °F	Fixed 194 °F	32-194 °F	32-320 °F	Fixed 194 °F
Secondary Thermostat	—	Fixed 248 °F	—	Fixed 248 °F	—	Fixed 248 °F	—	—	Fixed 248 °F
Power [W]	500	500	700	700	1,150	1,150	600	2,600	2,600
Order number	M51-5601-U0	M51-5618-U0	M51-5603-U0	M51-5620-U0	M51-5605-U0	M51-5622-U0	M51-5606-U0	M51-5609-U0	M51-5625-U0
Price / Item(s)	\$ 961.00	\$ 1,829.00	\$ 1,183.00	\$ 2,045.00	\$ 1,274.00	\$ 2,309.00	\$ 486.00	\$ 2,673.00	\$ 4,266.00

Heating Solutions for Drums

These full coverage drum heaters can be used in a variety of applications including: viscosity control, freeze protection, temperature, maintenance, melting of solids, heat up drum to a required temperature, and thermal mixing

- Built-in insulation
- Includes digital temperature controller
- Silicone impregnated cloth facing and liner
- Digital 50 to 450°F on/off temperature controller
- Power cord 6 feet long with bare wire connection
- CE certification
- Choose from single & dual zoned covers

Hook and loop fastener closure

Version	Steel Drum
Container Size	55 Gallon Drum
Power [W]	1,600
Order number 120 V	M51-5340-U0
Order number 240 V	M51-5339-U0
Price / Item(s)	\$ 1,287.00



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Standard Strip Heaters

- The economical choice for non-hazardous areas
- Fiberglass reinforced silicone rubber
- Moisture and chemical resistant
- Adjustable thermostats heat from 50-425°F
- Grounded heating element
- Easy to operate spring closures
- 120 V units come with standard 3-prong plus, 240 V units come without plug

Explosion Proof Strip Heaters

- High limit thermostat prevents excess heating
- Double-layered, fiberglass reinforced silicone rubber
- Moisture and chemical resistant
- Adjustable thermostat
- Grounded heating element
- FM Approved . Class 1 Division 2



Standard Strip Heaters for Plastic Drums, Order no. M51-3115-U0



Standard Strip Heaters for Steel Drums, Order no. M51-3175-U0



Explosion Proof Strip Heater, Order no. M51-5352-U0

	Standard Strip Heater				Explosion Proof Strip Heater			
Compatibility	Plastic Drums		Steel Drums		Steel Drum - T3 Environment		Steel Drum - T4A Environment	
Container Size	30 Gallon	55 Gallon	30 Gallon	55 Gallon	30 Gallon	55 Gallon	30 Gallon	55 Gallon
Power [W]	250	300	750	1,100	1,000	1,300	1,000	1,300
Shipping Weight	4	4	4	4	34	34	34	34
Order number 120 V	M51-3115-U0	M51-3125-U0	M51-3150-U0	M51-3175-U0	M51-5352-U0	M51-5356-U0	M51-5360-U0	M51-5364-U0
Order number 240 V	M51-3114-U0	M51-3124-U0	M51-3149-U0	M51-3174-U0	M51-5351-U0	M51-5355-U0	M51-5359-U0	M51-5363-U0
Price / Item(s)	\$ 252.00	\$ 271.00	\$ 207.00	\$ 213.00	\$ 2,848.00	\$ 2,919.00	\$ 2,848.00	\$ 2,919.00

Flexible Heating Jackets

- Modern heating technology - heats quickly and uniform
- Great for controlling viscosity and flow control
- Ability to operate in range of temps (-40°F to +104°F)
- All units thermostatically controlled
- High grade thermal insulation to reduce heat loss and increase efficiency while providing protection for the operator
- Safe to use 24/7 - Fit and forget, no regular maintenance required
- Fitted with NEMA 1-15P plug
- Fitted with adjustable retaining straps and quick release buckles
- Designed for caged, plastic, or metal IBC totes
- Does not contaminate or scratch your product
- Choose between a low and a high power versions for use in ordinary or hazardous Areas (C1D2)



Note: Model box does not illustrate all models offered. Models certified for C1D2 Areas please call for details.



Heating Jacket for use in Ordinary Locations,
Order no. M51-5613-U0, \$ 1,985.00



Option: Isolated Lid for 275 gal IBC Totes,
Order no. M51-5611-U0, \$ 223.00



from \$ 1,283.00

Heating Jacket for use in Hazardous Areas C1D2,
Order no. M51-5610-U0, \$ 1,283.00

Container Size	275 gallon						330 gallon					
	Ordinary Locations			Hazardous Areas C1D2			Ordinary Locations			Hazardous Areas C1D2		
Suitable for												
min. Circumference [in]	160	160	160	160	160	160	160	160	160	160	160	160
max. Circumference [in]	170	170	170	170	170	170	170	170	170	170	170	170
Height [in]	38	38	38	38	38	38	38	38	38	38	38	38
Shipping Weight	26	37	47	26	37	47	36	47	57	36	47	57
Primary Thermostat	32-104 °F	32-194 °F	32-194 °F	Fixed 122 °F	Fixed 194 °F	Fixed 194 °F	32-104 °F	32-194 °F	32-194 °F	Fixed 122 °F	Fixed 194 °F	Fixed 194 °F
Secondary Thermostat	—	—	—	Fixed 158 °F	Fixed 248 °F	Fixed 248 °F	—	—	—	Fixed 158 °F	Fixed 248 °F	Fixed 248 °F
Power [W]	1,550	3,100	3,900	1,550	3,100	3,900	1,550	3,100	3,900	1,550	3,100	3,900
Order number	M51-5610-U0	M51-5613-U0	M51-5614-U0	M51-5626-U0	M51-5627-U0	M51-5628-U0	M51-5640-U0	M51-5643-U0	M51-5644-U0	M51-5646-U0	M51-5647-U0	M51-5648-U0
Price / Item(s)	\$ 1,283.00	\$ 1,985.00	\$ 2,680.00	\$ 2,498.00	\$ 4,180.00	\$ 5,711.00	\$ 1,553.00	\$ 2,255.00	\$ 2,950.00	\$ 2,768.00	\$ 4,450.00	\$ 5,981.00

Heating Solutions for IBC Totes

- Designed for caged, plastic, or metal IBC totes
- Dual thermostat, full coverage IBC Tote Blanket Heaters quickly, economically, and efficiently heat tote contents
- Adjustable straps enable the blanket to fit around most totes
- Dual adjustable thermostats heat totes from 50-160°F
- Does not contaminate or scratch your product

\$ 338.00

Order no. M51-5379-U0



Optional insulated top cover reduces heat loss/accelerated heating

TOTE_CLOSEUP_03_FULLSIZE description:
Controls temperature easily with adjustable thermostat



TOTE Mouse Hole description:
Provides easy access to IBC spigot



from \$ 2,360.00

TOTE_CLOSEUP_01_FULLSIZE description:
The nylon straps and buckles allows for the blanket to fit several tote sizes



Go online! Discover even more
exciting product highlights!

» www.denios-us.com/shop

Version	IBC Tote Heater		
Height [in]	36	42	48
Power [W]	1,440	1,440	1,440
Order number 120 V	M51-5371-U0	M51-5376-U0	M51-5381-U0
Price / Item(s)	\$ 2,360.00	\$ 2,634.00	\$ 2,850.00

Version	IBC Tote Heater		
Height [in]	36	42	48
Power [W]	2,880	2,880	2,880
Order number 240 V	M51-5370-U0	M51-5375-U0	M51-5380-U0
Price / Item(s)	\$ 2,360.00	\$ 2,634.00	\$ 2,850.00

Base Heater

The base heater enables fast melting of solids, heating of liquids, allows mixing and dispensing all while heating. The containers/totes sit directly on the base of the heater and can reach a maximum temperature of 295°F.

The Base Heater may be used by itself to provide heat to the base of a drum, alternatively it can be used in conjunction with our heating jackets to reduce heating times.

- Suitable for heating steel, plastic and fiber drums up to 55 gallon, including smaller containers up to 24 inch diameter
- Top plate temperatures can be set and clearly displayed on the integral microprocessor thermostat
- Temperature adjustment is made via a rear digital control unit
- Manufactured from 12 gauge mild steel for extra rigidity on uneven surfaces with tapered edges for safe ease of drum location
- Protected by a resilient high temperature coating
- For use in safe, non-hazardous areas

Voltage	120 V	240 V
Power [W]	850	850
Dimensions L x H [in]	29.3 x 4	29.3 x 4
Diameter Intern [in]	24	24
Adjustable Temperature Range [°F]	32 - 295	32 - 295
Shipping Weight	75	75
Order number	M51-5636-U0	M51-5637-U0
Price / Item(s)	\$ 1,404.00	\$ 1,404.00

 Go online! Discover even more exciting product highlights!

» www.denios-us.com/shop



Heating Coils

- Heater constructed of 1" SCH10 pipe rolled to a 22" OD with a 5.5" pitch
- Inlet and outlet are 1" male pipe threads
- Coils are installed in a 22.5" diameter heavy-duty 10 gauge drum cover with 3" fusible vent/fill cap and 3.5" high guard

Product Description	Order number	Price / Item(s)
Heating Coil - 250 Gallon Stainless Steel IBC - compatible with M72-7905	M51-3310-U0	\$ 2,797.00
Heating Coil - 250 Gallon Steel IBC - compatible with M72-7910	M51-3315-U0	\$ 2,233.00
Heating Coil - 300 Gallon Stainless Steel IBC - compatible with M72-7915	M51-3320-U0	\$ 2,879.00
Heating Coil - 300 Gallon Steel IBC - compatible with M72-7920	M51-3325-U0	\$ 2,315.00
Heating Coil - 350 Gallon Stainless Steel IBC - compatible with M72-7925	M51-3330-U0	\$ 2,962.00
Heating Coil - 350 Gallon Steel IBC - compatible with M72-7930	M51-3335-U0	\$ 2,358.00
Heating Coil - 450 Gallon Stainless Steel IBC - compatible with M72-7935	M51-3340-U0	\$ 3,043.00
Heating Coil - 450 Gallon Steel IBC - compatible with M72-7940	M51-3345-U0	\$ 2,399.00
Heating Coil - 550 Gallon Stainless Steel IBC - compatible with M72-7945	M51-3350-U0	\$ 3,126.00
Heating Coil - 550 Gallon Steel IBC - compatible with M72-7950	M51-3355-U0	\$ 2,441.00

from \$ 1,404.00



from \$ 2,233.00



Heating Solutions for Gas Cylinders

- Gas cylinder heaters keep gas warm in cold environments, reducing the amount of unused fuel due to temperature-related increased fuel density
- Provides 150°F maximum exposure temperature on heating surface
- Full surface coverage reduces heat loss
- 120V unit comes with standard 3-prong plug
- Class I Div I Groups B, C, and D certified

from \$ 1,297.00



Suitable for	Gas Cylinder - 9 x 51 inch		
Usage	Ordinary Area		Hazardous Area
Power [W]	150 W		150 W
Shipping Weight [lbs]	4		28
Order number 120 V	M51-5321-U0		M51-5325-U0
Price / Item(s)	\$ 1,297.00		\$ 2,704.00
Order number 240 V	M51-5320-U0		M51-5324-U0
Price / Item(s)	\$ 1,297.00		\$ 2,704.00

Flexible Heating Jackets

- Modern Heating Technology - heats quickly and uniform
- Great for controlling viscosity and flow control
- Ability to operate in range of temps (-40°F to +104°F)
- All units thermostatically controlled
- High grade thermal insulation to reduce heat loss and increase efficiency while providing protection for the operator.
- Safe to use 24/7 - Fit and forget, no regular maintenance required
- Fitted with adjustable retaining straps and quick release buckles
- Choose between a low and a high power versions for use in ordinary or hazardous Areas (C1D2)

Usage	Ordinary Locations		Hazardous Areas C1D2	
Adjustable Circumference [in]	27.0 - 33	27.0 - 33	27.0 - 33	27.0 - 33
Height [in]	48	48	48	48
Shipping Weight [lbs]	8	8	8	8
Voltage	120 V	120 V	120 V	120 V
Primary Thermostat	Fixed 122 °F	32-194 °F	Fixed 122 °F	Fixed 194 °F
Secondary Thermostat	—	—	Fixed 158 °F	Fixed 248 °F
Power [W]	500 W	800 W	500 W	800 W
Order number	M51-5615-U0	M51-5616-U0	M51-5629-U0	M51-5630-U0
Price / Item(s)	\$ 601.00	\$ 900.00	\$ 1,566.00	\$ 2,349.00

from \$ 601.00



Heating Jackets for Gas Cylinder,
use in Ordinary or Hazardous
Areas (C1D2)

High Quality Induction Heating Units suitable for nearly all heating application. These super efficient Heaters do not make contact with the drum. Induction heaters use a single coil within the cylinder's wall, made from a glass-reinforced resin. The coil generates heat uniformly around the container wall.

from \$ 3,638.00



Faratherm Base Heater
Order no. M51-5633-U0



Thermosafe Heater Type B,
Order no. M51-5632-U0

Faratherm Base Heater

- Induction heating with no radiant elements and no moving parts, so no maintenance (IP66 hose rating)
- Can be used on its own as a free standing heating plate for drums
- Use Faratherm together with THERMOSAFE to save up to 40% time reduction when melting solids together
- Safe to use with steel or plastic drums, up to 55 gallon

Thermosafe Induction Heaters

- Super efficient drum heater that provides fast uniform heating
- Fast melting of solids and heating of liquids
- Allows mixing and dispensing while heating
- For 55 gallon drums or smaller steel containers
- Simply place the heater over the drum
- Runs on single-phase 120 or 240V, 50/60Hz AC power, direct-wire

Controller BF400A, 120 or 240 VAC

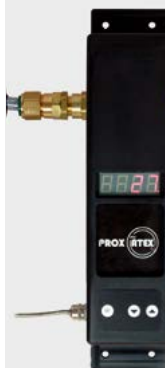


Controller BF400A, 120 VAC,
Order no. M51-5635-U0, \$ 374.00

Controller BF400A, 240 VAC,
Order no. M51-5638-U0, \$ 374.00

- Uniquely designed for use with the Induction heaters
- Burst firing controller enabling adjustment of heater output (0-100%)
- Selecting 50% will ensure the heater is on for 50% of the time (eg. on for 30 seconds and off for 30 seconds), therefore reducing the maximum drum temperature
- Whilst the Controller must be situated in a safe area, the THERMOSAFE® heater can still be operated in a hazardous area.
- Integrated 25A mcb for circuit protection

Controller, ATEX certified



Controller, ATEX certified,
Order no. M51-5634-U0,
\$ 3,295.00

- Suitable for Thermosafe and Faratherm Heaters
- Simple button interface can be used to adjust set point and other parameters while the device is operational within the hazardous area
- Equipped with two preprogrammed NFC cards which allows to set the key parameters quickly and accurately, a lock function with password to ensure settings remain unchanged
- Supplied with 15ft power input and output cables and a 15ft type K thermocouple
- Digital display to show measured values and other parameters
- Operates using 110-240 V

Approvals:

North American Hazardous Area Markings: Class I Zone 1 AEx e IIC 170°C (T3) Gb, Class I Zone 1 Ex e IIC 170°C (T3) Gb, THERMOSAFE® conforms to UL Std. 60079-0, UL Std. 60079-7, ANSI/UL Std. 499. Cert to CAN/CSA Std. C22.2 No.60079-0, CAN/CSA C22.2, No.60079-7. CAN/CSA C22.2 No 88., Class II Appliances "double insulated", no earth required



Thermosafe Heater Type A,
Order no. M51-5631-U0



Perfect Combination - Image shows Faratherm Base Heater plus Thermosafe Heater Type A and an insulated Rigid Top Hat

Description	Faratherm Base Heater	Thermosafe Type B	Thermosafe Type A
Dimensions L x D x H	29.3 x 29.3 x 4.0	29.3 x 29.3 x 16.8	29.3 x 29.3 x 28.0
Power [W]	500	1,500	2,750
Voltage	240 V	120 V	240 V
Diameter Intern [in]	22	25	25
Shipping Weight [lbs]	75	90	165
Order number	M51-5633-U0	M51-5632-U0	M51-5631-U0
Price / Item(s)	\$ 3,638.00	\$ 4,043.00	\$ 5,063.00

Optional Accessory
Rigid Top Hat


- Glass Fibre reinforced plastic hood
- Additional protection against heat loss
- Approved for use in hazardous areas

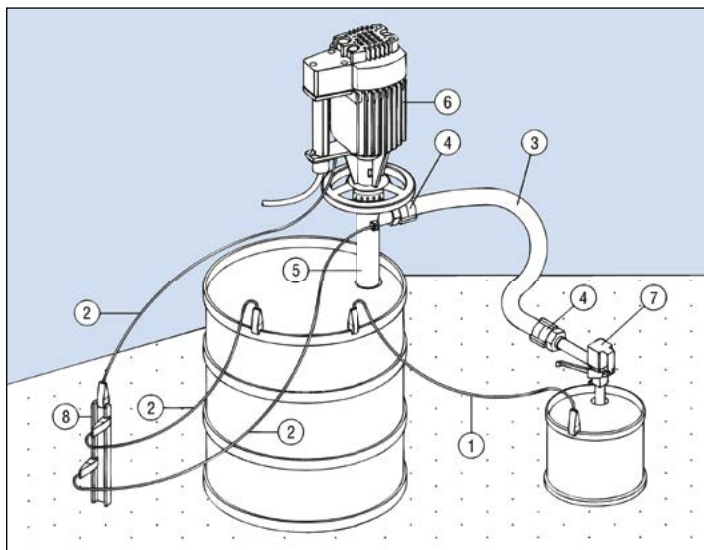
\$ 900.00
**Order no.
M51-5652-U0**
Lifting Frame


- For easy lifting of Thermosafe Heaters above a drum

\$ 1,823.00
**Order no.
M51-5651-U0**
Fork Lift Attachment


- for easy lifting of Thermosafe Heaters above a drum by using a forklift or an AGV (Automated Guided Vehicle)

\$ 590.00
**Order no.
M51-5650-U0**



Hose Connector needs to be conductive!

- ① Bonding cable between containers
- ② Grounding cable from pump motor, hose and drum to building
- ③ Always use an approved conductive hose
- ④ Use conductive hose fittings and hose connectors
- ⑤ Use a metal (conductive) pump tube
- ⑥ Use a motor approved for explosive environments
- ⑦ Use a stainless nozzle approved for Explosive Environments (auto-release / shut-off)
- ⑧ Provide a compliant grounding rod

Bonding & Grounding Cables

Eliminate Hazardous Sparks from Static Build-up When Pumping or Dispensing Flammable Liquids.

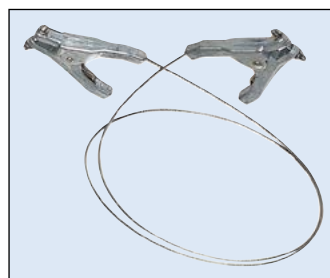
- Eliminate hazardous sparks from static build-up when pumping or dispensing flammable liquids
- Install and use proper cables to maintain a safe work place in accordance with OSHA regulations
- Bonding cables should be installed between containers
- Grounding cable should be from the pump motor, hose, and drum to building



3'L Bonding Wire with Alligator Clips on Both Ends,
Order no. M32-0011-U0, \$ 40.00



3'L Grounding Cable with "C" Clamp and Alligator Clip Connections,
Order no. M32-0013-U0, \$ 61.00



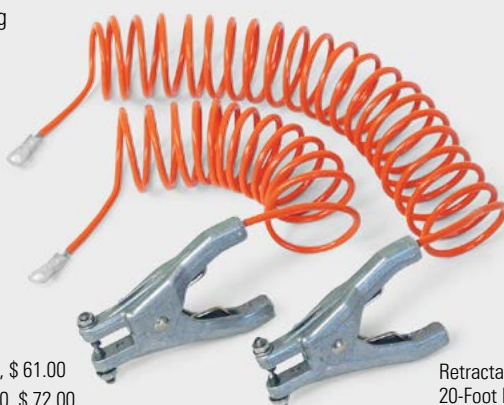
3'L Bonding Wire with Hand Clamps on Both Ends,
Order no. M32-0068-U0, \$ 94.00



3'L Bonding Wire with Hand Clamp and 1/4" Terminal Connector,
Order no. M32-0069-U0, \$ 87.00

Retracting Grounding / Bonding Cable Coils and Reels

- Corrosion resistant vinyl coating protects cable wire
- Retractability keeps cables out of the way when not in use
- FM approved Hand Clamps for secure hold



Coiling Cables with Hand Clamp
5-Foot length, Order no. M32-0072-U0, \$ 61.00
10-Foot length, Order no. M32-0075-U0, \$ 72.00
10-Foot length with 2 hand clamps, Order no. M32-0076-U0, \$ 103.00



Retractable Reels with Hand Clamp
20-Foot length, Order no. M32-0081-U0, \$ 337.00
50-Foot length, Order no. M32-0084-U0, \$ 514.00

BE CERTAIN! New LED Grounding Clamps and Wall-Mounted Grounding Monitors assure you're properly grounded through flashing indicator lights

Think you've done everything to ground the drum you're dispensing from? Think again- built up corrosion or paint on the container could prevent you from being properly grounded. You need to be certain.

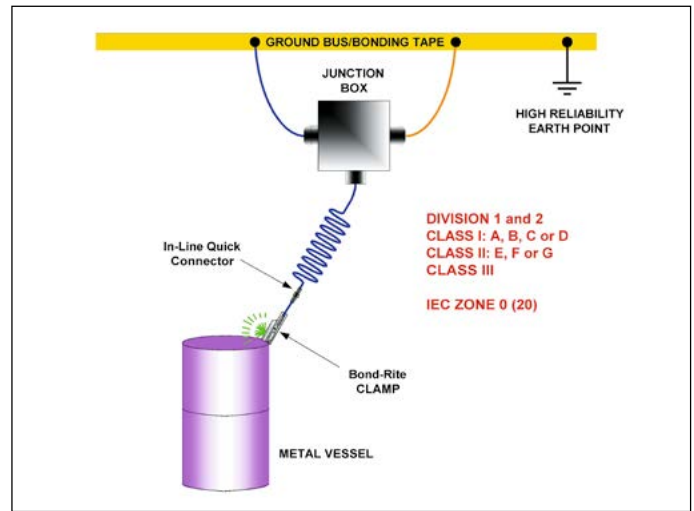
New LED Grounding Clamps and Wall-Mounted Grounding Monitors feature a flashing green indicator light to assure personnel their connection is properly grounded. Both the lamp and Wall-Mounted LED indicators are operated by a 9-volt battery. With the Clamp, the LED system is housed in actual clamp. The Wall-Mount Monitor features an easy-to-install remote housing for the system.

Use the Clamp in clean settings and non-abusive areas, where dust or paint won't hinder the visibility of the indicator and rough handling won't damage the clamp's electronic components. The Wall-Mount Monitor is designed for industrial settings, where the monitor housing the sensitive components can be placed away from any airborne contaminants or normal factory related abuse.

LED Grounding Clamp / Cables



LED Grounding Clamp / Cables,
Order no. M32-0090-U0, \$ 2,131.00



Installation of LED Grounding Clamp / Cables

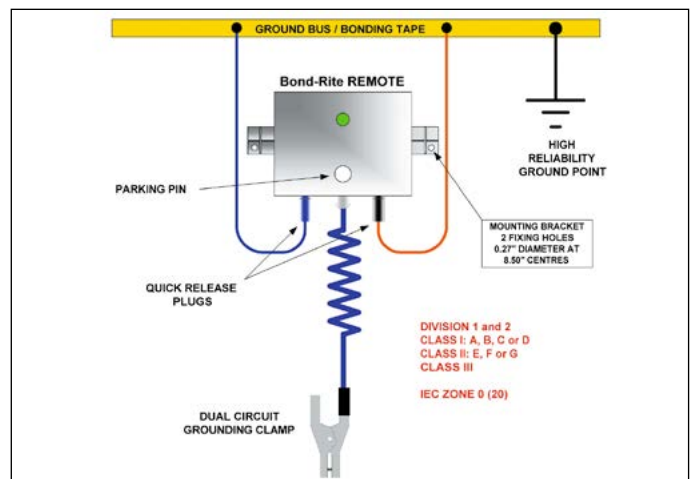
LED Wall-Mounted Grounding Monitors



LED Wall-Mounted Grounding Monitors , Order no. M32-0093-U0, \$ 2,388.00

The Monitors with 16 ft cable and 2-point clamp are great for containers, drums, and totes. Its 55 pound spring compression and stainless steel points assure contact with bare metal.

Also available with a 3-point clamp designed for grounding road tankers, railcars, and other large vessels. (not shown), Order no. M32-0095-U0, \$ 2,499.00



Installation of LED Wall-Mounted-Grounding Monitors

Drum Plug Wrench

- This cast iron wrench opens most drum plugs and bung nuts while protecting hands from injuries

\$ 38.00

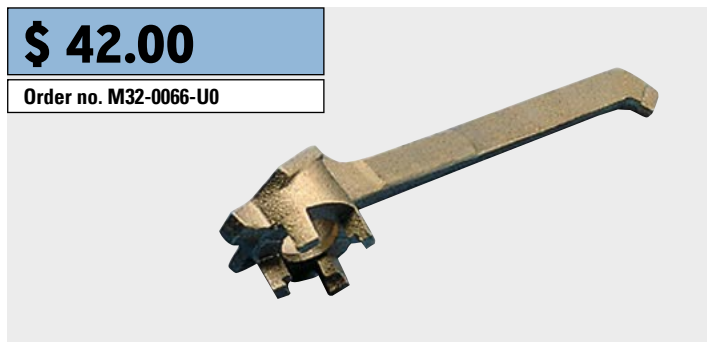
Order no. M32-0027-U0

**Drum Plug Wrench - Non-Spark Bronze**

- Ideal for opening drums of flammables, this bronze wrench also protects hands from injuries

\$ 42.00

Order no. M32-0066-U0

**Drum Plug Wrenches - Heavy**

- Universal one-piece wrench removes any drum plug
- The non-sparking bronze drum wrench is perfect for opening drums containing flammables

from \$ 101.00Drum Plug Wrenches, Cast Iron,
Order no. M32-0120-U0, \$ 101.00Drum Plug Wrenches, Bronze, Non-spark,
Order no. M32-0103-U0, \$ 203.00**Drum Dekinker**

- Quickly repairs and restores drum chime contour - easing deheading
- Use on both 30 or 55 gallon drums

\$ 785.00

Order no. M32-0108-U0

**IBC Tote Wrench / Torque**

- Open and close 6 inch fill caps quickly and easily with the exclusive lightweight IBC tote wrench
- This combination wrench allows you to save time and effort and save you from being fined by DOT for not complying with closing requirements.
- Works with Greif®, Schutz®, Mauser®, and most other 6 inch IBC caps
- Only 1.9 lbs and easy to handle and carry
- One-piece 365 aluminum construction for durability

**\$ 89.00**

Order no. M32-0126-U0

Manual Drum Deheaders

- Ideal for occasional deheading jobs
- Deheaders feature a vinyl handgrip and include a replacement blade

\$ 61.00

Order no. M32-0100-U0



Manual Drum Deheader, Steel,
Order no. M32-0100-U0, \$ 61.00

Replacement Blade,
Order no. M32-0100100-U0,
\$ 15.00

Manual Drum Deheaders - Non-Spark Bronze

- Provides added safety when deheading drums which contained flammables

\$ 501.00

Order no. M32-0101-U0

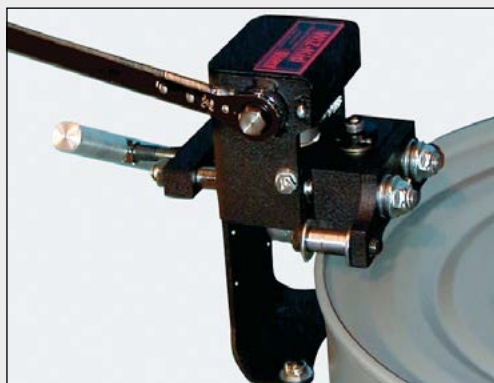


Manual Drum Deheader - Non-Spark Bronze,
Order no. M32-0101-U0, \$ 501.00

Replacement Blade, Bronze,
Order no. M32-0101100-U0,
\$ 171.00

Manual WIZ-Kid Deheader

- Delivers a smoother, safer cut
- By cutting horizontally into the chime, this manual deheader leaves a smooth, burr-free edge
- Manual ratchet is easy to operate and can be adjusted for right or left handed use
- Typically deheads drums in less than two minutes; designed for steel drums up to 16 gauge
- Spark-resistant model



Manual WIZ-Kid Deheader,
Order no. M32-0105-U0, \$ 1,485.00

Manual WIZ-Kid Deheader - Spark-resistant,
Order no. M32-0106-U0, \$ 1,755.00

Automatic Drum Deheader

- Great when dealing with moderate drum volumes
- This electric deheader moves itself around the drum, cutting and folding the metal towards the chime, leaving a safe, smooth edge
- Designed for 30-55 gallon drums and up to 16 gauge steel
- Deheads most drums in less than two minutes
- Is lightweight, portable, and easy to use



Automatic Drum Deheader,
Order no. M32-0102-U0, \$ 2,531.00

Optional Accessory

Replacement Blades and Cutter Wheels



Replacement Cutter Wheel,
Order no. M32-0105100-U0,
\$ 134.00

Replacement Cutter Wheel,
Spark-resistant,
Order no. M32-0106100-U0,
\$ 277.00

Lever Faucets

Secure Dispensing for all totes with a 3/4 or 2 inch NPT Bung

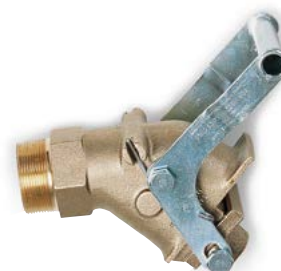
from \$ 16.00



①
Self-Closing Zinc die cast alloy Safety Faucet, 3/4" NPT bung,
Order no. M32-0062-U0, \$ 39.00



②
Self-Closing Brass Faucet 3/4" NPT bung,
Order no. M32-0023-U0, \$ 82.00



③
Faucet Brass Gate Valve, 2" NPT bung,
Order no. M32-0024-U0, \$ 157.00



④
Self-Closing Stainless Steel Faucet, 3/4" NPT bung,
Order no. M32-0061-U0, \$ 196.00



⑤
Poly Faucets for 2" NPT bung,
Order no. M32-0009-U0, \$ 29.00



⑥
Unique Horizontal Drum Faucet, 2" NPT bung,
Order no. M75-0306-U0, \$ 155.00

Material	Die-cast zinc alloy	Brass		Stainless Steel	Polyethylene		
Compatibility	For flammable and non-flammable liquids	For flammable and non-flammable liquids (for oils up to 30W)	For non-flammable viscous materials (for oils > 30W)	For acid and corrosive flammable and non-flammable liquids	For acidic, corrosive, and non-flammable liquids		
Fits to	For 3/4" NPT bung	3/4" NPT bung	For 2" NPT bung	3/4" NPT bung	3/4" NPT bung	2" NPT bung	2" NPT bung
Features	Flame Arrestor	Flame Arrestor	—	Flame Arrestor	—	—	—
Seals Material	PTFE	PTFE	PTFE	PTFE	EPE	EPE	Nitrile rubber
Shipping Weight (lbs)	0.6	1.4	6.8	1.5	0.2	0.6	2.0
Order number	M32-0062-U0	M32-0023-U0	M32-0024-U0	M32-0061-U0	M32-0008-U0	M32-0009-U0	M75-0306-U0
Price / Item(s)	\$ 39.00	\$ 82.00	\$ 157.00	\$ 196.00	\$ 16.00	\$ 29.00	\$ 155.00

Brass Safety Valve

- Automatically relieves dangerous internal pressures
- For mounting on horizontal drums
- Knob manually adjustable for vacuum relief
- For 2" NPT bung in steel or plastic drum

\$ 79.00

Order no. M32-0022-U0

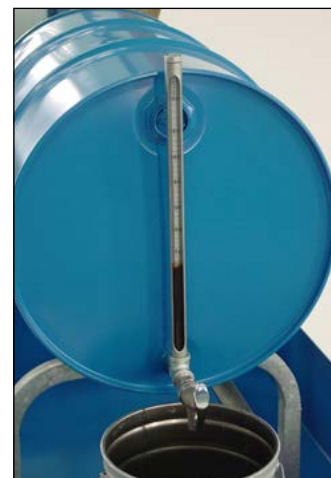


Level Indicator

- Clearly shows remaining contents in gallons
- Attaches to 3/4" bung opening
- Includes a 3/4" opening for a drum faucet (not included)
- Zinc plated to resist corrosion
- 23 inches high

\$ 101.00

Order no. M32-0058-U0



Fill Gauge

- All poly, corrosion resistant construction compatible with most liquids except certain solvents
- Red float pops up indicating the liquid level is within 7 inches of the drum top
- Prevents hazardous over-filling
- Protective cap protects float when not being used - attaches to 3/4" bung opening

\$ 32.00

Order no. K22-0155-U0



Smart Drum Funnel

Spill Resistant 2 Gallon Smart Funnel prevents overfilling of drums. With the funnel extension, trapped air stops the liquid from filling to the top of the barrel. It leaves just enough room to add 2 gallons more to the barrel, which is the capacity of the Drum Funnel "SMART".

- Polypropylene body and lid
- Lid cover has cord attached to funnel
- Polyethylene air hose and band
- Overall Height: 13 inches
- Top OD with Cover: 11-1/2 inches
- Top ID: 11 inches
- Threaded for 2" Bung Hole

\$ 84.00

Order no. K22-0145-U0



Poly Funnel, 3 Quart

- Spout Length: 1-7/16 inches
- Max Temperature: 250 °F

\$ 15.00

Order no. K22-0150-U0



Poly Funnel, 4 Quart

- Thread: 2 in
- Spout Length: 1 1/2 in
- Spout OD: 2 1/2 in

\$ 22.00

Order no. K22-0160-U0



Capacity [qt]	3	4
External Dimensions W x D x H [in]	16 x 16 x 16	24 x 16 x 16
Diameter Intern [in]	7.50	11.75
Thread Diameter [in]	2	2
Spout Length [in]	1-7/16	1-1/2
Outer Spout Diameter [in]	—	2-1/2
Shipping Weight [lbs]	12	15
Order number	K22-0150-U0	K22-0160-U0
Price / Item(s)	\$ 15.00	\$ 22.00
Accessories	—	Funnel Top
Order number	—	K22-0161-U0
Price / Item(s)	—	\$ 13.00

Optional Accessory

Funnel Top

- Drainage lid fits our 4-quart drum funnel or any 5 gallon pail
- Drain top accepts standard size quart oil bottles

Funnel Top, Order no. K22-0161-U0



Drum Funnel

Our polyethylene drum funnels are perfect for both open and closed-head steel 55-gallon drums as well as for plastic drums.

- Fill drums without splashing
- Funnel covers the entire drum top
- Profiled funnel bottom allows for filling without splash
- Available with optional lid
- Cut-out for access to 3/4" inch drum opening for filler gauge
- 6" Deep Wall Funnel
- Prevents splashing when pouring



\$ 155.00

Order no. K22-0157-U0



from \$ 45.00

Product Description	Drum Funnel	Drum Funnel with Hinged Cover
Capacity [gal]	6	6
External Dimensions Dia x H [in]	23.7 x 5.5	29.0 x 9.5
Shipping Weight	5	17
Order number	K22-0132-U0	K22-0137-U0
Price / Item(s)	\$ 45.00	\$ 90.00

Funnel for IBC Totes

For safely collecting and channelling of hazardous liquids

- Funnel for use with a conventional IBC
- Domed base - liquids run off
- Storage pocket for IBC locking lid
- Discharge basin with side storage areas
- Large drain opening (145mm) with integral 2" connection for optional level indicator
- Chemical resistant polyethylene (PE)

Capacity [gal]	4
External Dimensions (vent hoods included) W x D x H [in]	31.1 x 28.7 x 7
Shipping Weight	8
Order number	K22-0157-U0
Price / Item(s)	\$ 155.00

Drum Funnels for Flammable Liquids

- Large 10.5" funnels equipped with fusible-link activated hinged cover permit safe, rapid filling of 55-gallon drums with flammable liquid
- Self-closing check valve minimizes vapor emissions and prevents spillage if the drum is accidentally tipped over
- Fits into the 2" bung opening of an upright 55-gallon drum
- 6" perforated metal flash arrestor for low viscosity flammable liquids



Model	Funnel w/o Check Valve		Funnel w/ Check Valve	
	6" Perforated Metal	32" Brass Tube	6" Perforated Metal	32" Brass Tube
Approvals	—	FM Approved	—	FM Approved
Order number	M32-1020-U0	M32-1025-U0	M32-1010-U0	M32-1015-U0
Price / Item(s)	\$ 310.00	\$ 530.00	\$ 984.00	\$ 1,352.00



Go online! Discover even more exciting product highlights!

» www.denios-us.com/shop

Poly Drum Funnel with Vented Lid

- Allow for high volume pouring without splashing or over-filling
- Special vent system eliminates air-lock inside the drum while pouring
- Brass threaded base screws into the 2-inch bung opening
- All poly funnels will not rust or corrode
- Lid is pad-lockable to the funnel preventing unauthorized access



Capacity [gal]	2
External Dimensions Dia x H [in]	13.5 x 15
Shipping Weight	6
Order number	K22-0140-U0
Price / Item(s)	\$ 79.00



FALCON Lubriflex Bottles have a large opening for safe and easy filling



FALCON Lubriflex Bottles with long spout - ensures safe, clean dispensing even in areas which are hard to reach

FALCON Lubriflex Dispensing Bottles

- Safe, clean and convenient dosing of liquids during operation
- Chemically resistant and UV-stabilized containers made of HDPE
- Sturdy handles for ergonomic handling
- Including 2 screw-on spouts in different sizes, 18 inscribable stickers in 9 signal colors and a multilingual security label for content labeling according to GHS
- Choose between 3 dimensions - from 2 up to 10 Liters



Every FALCON Lubriflex Can comes with two Spouts

Ergonomic Handle with integrated ventilation valve

Write-on colored labels for marking media and areas of use will be delivered with each bottle

with scale for checking the filling level



Capacity [l]	2	5	10
External Dimensions W x D x H [in]	5.5 x 16.25 x 12.44	6.8 x 16.25 x 16.38	10.2 x 16.25 x 20.6
Shipping Weight [lbs]	2.6	6.8	8.8
Order number	M72-0400-U0	M72-0401-U0	M72-0402-U0
Price / Item(s)	\$ 47.00	\$ 58.00	\$ 75.00

Handling hazardous liquids requires caution, vigilance and attention. **FALCON** products provide reliable protection and maximum safety during transport and handling of hazardous substances.

FALCON Fine Measuring Safety Jugs



- For safe distribution and easy dosing of hazardous liquids
- Fine dosing unit made of stainless steel, includes venting and chemical-resistant PTFE seal
- Optimum protection against flameout through integrated flame arrester (removable, for cleaning)
- Ergonomic handle for safe handling
- Plastic protection ring protects the robust can body from damage



Available in Steel, Stainless Steel and Polyethylene version

FALCON Storage and Transport Safety Jugs



- For the safe storage of flammable and aggressive liquids
- Also suitable for internal transport
- Screw cap (secured against loss) with overpressure valve and chemical resistant PTFE seal
- Optimum protection against flameout through integrated flame arrester (removable, eg for cleaning)
- Ergonomic handle for safe handling
- Plastic protection ring protects the robust can body from damage



Available in Steel, Stainless Steel and Polyethylene version

Version	with Screw Lid					with Fine Measuring Tap				
Capacity [l]	1	1	2	2	5	1	1	2	2	5
External Dimensions Dia x H [in]	9.1 x 9	5.2 x 7.12	12.2 x 12.2	6.22 x 8.9	7 x 13.22	9.1 x 7.9	5.2 x 8.46	12.2 x 11	6.22 x 10.23	7 x 14.57
Shipping Weight [lbs]	2.0	2.0	2.4	2.4	3.2	2.0	2.0	2.4	2.4	3.2
Order number Polyethylene	M72-0460-U0	—	M72-0465-U0	—	—	M72-0450-U0	—	M72-0455-U0	—	—
Price / Item(s)	\$ 40.00	—	\$ 45.00	—	—	\$ 35.00	—	\$ 40.00	—	—
Order number Steel	—	M72-0628-U0	—	M72-0629-U0	M72-0630-U0	—	M72-0228-U0	—	M72-0229-U0	M72-0230-U0
Price / Item(s)	—	\$ 40.00	—	\$ 52.00	\$ 62.00	—	\$ 45.00	—	\$ 50.00	\$ 60.00
Order number Stainless steel	—	M72-0631-U0	—	M72-0632-U0	M72-0633-U0	—	M72-0231-U0	—	M72-0232-U0	M72-0233-U0
Price / Item(s)	—	\$ 47.00	—	\$ 59.00	\$ 82.00	—	\$ 47.00	—	\$ 55.00	\$ 88.00



Optional Accessory

FALCON Funnels

- Funnel for safe pouring into Plunger Cans, Spray Bottles and other Falcon Totes

FALCON Funnel, galvanized ,
Order no. M72-1118-U0, \$ 25.00

FALCON Funnel, Stainless Steel,
Order no. M72-1119-U0, \$ 65.00



Type II Safety Cans with Dual Openings

- Separate self-closing opening
- Dispensing port includes brass spout
- Both openings provided with flame arrestor



Capacity [gal]	2	5
External Dimensions Dia x H [in]	11.25 x 9.5	12.5 x 13.5
Shipping Weight [lbs]	8	10
Order number - Red	M72-0137-U0	M72-0149-U0
Price / Item(s)	\$ 98.00	\$ 100.00
Order number - Yellow	M72-0138-U0	M72-0148-U0
Price / Item(s)	\$ 110.00	\$ 111.00
Order number - Blue	M72-0139-U0	M72-0147-U0
Price / Item(s)	\$ 110.00	\$ 111.00

Type II DOT Transport Cans

- Added thumb screw mechanism assures filler opening stays closed during transport
- Rounded handle and trigger design allow for one-handed control
- Heavy duty roll bars protects spouts and controls during transport



Capacity [gal]	5
External Dimensions Dia x H [in]	12.5 x 15.75
Shipping Weight [lbs]	13
Order number - 5/8 Spout	M72-0155-U0
Price / Item(s)	\$ 297.00
Order number - 7/8 Spout	M72-0159-U0
Price / Item(s)	\$ 297.00

Type II Faucet Cans

- Safely dispense from shelves or benchtops with our faucet cans
- Features a self-closing, rigid brass or stainless steel faucet



Material	Steel	Stainless Steel
Capacity [gal]	5	5
External Dimensions Dia x H [in]	12.5 x 13.5	11.25 x 15.87
Shipping Weight [lbs]	9	9
Order number	M72-0165-U0	M72-0167-U0
Price / Item(s)	\$ 229.00	\$ 737.00

Lids for Poly Dispensing Bottles

Transfer and Dispensing System based on Dispensing Bottles from 1,5 up to 10.0 liters and colored Lids for different applications

- Storage Lid - provides tight fit for storing liquids while keeping contaminants out
- Utility Lid - features large outlet hole for fast, controlled pouring. Hole also designed to fit an optional hand pump for easy lubricant transfer
- Stretch Spout - designed for precise pouring; ideal for lower viscosity oils (< ISO 220)
- Mini Spout - smaller diameter opening (9/32") is great where filler holes are small (ex: machine tools)
- Stumpy Spout - provides 1" spout opening for higher lube flow
- Choose from yellow, red, green, blue, or black



Description	Storage Lid	Utility Lid	Stretch Spout Lid	Mini Spout Lid	Stumpy Spout Lid
Order number - Yellow	M72-0325-U0	M72-0330-U0	M72-0335-U0	M72-0340-U0	M72-0345-U0
Order number - Red	M72-0326-U0	M72-0331-U0	M72-0336-U0	M72-0341-U0	M72-0346-U0
Order number - Green	M72-0327-U0	M72-0332-U0	M72-0337-U0	M72-0342-U0	M72-0347-U0
Order number - Blue	M72-0328-U0	M72-0333-U0	M72-0338-U0	M72-0343-U0	M72-0348-U0
Order number - Black	M72-0329-U0	M72-0334-U0	M72-0339-U0	M72-0344-U0	—
Price / Item(s)	\$ 25.00	\$ 30.00	\$ 55.00	\$ 59.00	\$ 67.00

Poly Dispensing Bottles

- Poly Dispensing Bottles feature a variety of interchangeable lids to meet your specific needs
- Choose between bottles with a volume of 1.5 up to 10.0 liters



Capacity [l]	1.5	2.0	5.0	10.0
External Dimensions Dia x H [in]	3 x 9	4 x 10	5 x 11	5 x 12
Order number	M72-0320-U0	M72-0321-U0	M72-0323-U0	M72-0324-U0
Price / Item(s)	\$ 16.00	\$ 17.00	\$ 24.00	\$ 52.00

Optional Accessory

Accessories for Poly Dispensing Bottles



Hose Extension for Stumpy Spout Lids, 10.4" length, Order no. M72-0351-U0, \$ 29.00



Hose Extension for Stretch Spout Lids, 12" length, Order no. M72-0350-U0, \$ 20.00



Hand Pump for Poly Dispensing Bottles with Storage Lid, Order no. M72-0352-U0, \$ 25.00

FALCON Safety Containers

Handling hazardous liquids requires caution, vigilance and attention. FALCON products provide reliable protection and maximum safety during transport and handling of hazardous substances.



Falcon Safety Container, 5.3 gallon

- For flammable and aggressive substances
- Opening Ø approx. 1.37 in for easily refill
- Space-saving form with maximum stability and Protection against damage by circumferential guard ring



All Containers with Screw lid are UN approved for the transport of liquid substances of packing groups I, II and III (UN 3A1 / X / 250 / ...) and comes with ventilation valve for a smooth and fast evacuation



All Containers with Stainless steel fine dosing tap offer a comfortable control lever and allows also filling into small openings. Models included automatic ventilation when operating the fine dosing tap for precise dosing and have an integrated flame arrester prevents the penetration of flames and thus the inflammation of the container contents

Optional Accessory

FALCON Funnels

- Funnel for safe pouring into Plunger Cans, Spray Bottles and other Falcon Totes

FALCON Funnel, galvanized ,
Order no. M72-1118-U0, \$ 25.00

FALCON Funnel, Stainless Steel,
Order no. M72-1119-U0, \$ 65.00



FALCON Storage and Transport Container,
UN approved, 1.3 gal, in Hi-Viz Yellow,
Order no. M72-0601-U0



FALCON Storage and Transport Container,
UN approved, 5.3 gal, Stainless Steel,
Order no. M72-0606-U0



FALCON Safety Container with Fine
Dosing Tap, 2.6 gal, in Hi-Viz Yellow,
Order no. M72-0202-U0



FALCON Safety Container with Fine
Dosing Tap, 2.6 gal, Stainless Steel,
Order no. M72-0205-U0

Version	UN approved - with Screw Lid			with Fine Dosing Tap		
Capacity [l]	5	10	20	5	10	20
External Dimensions W x D x H [in]	9.6 x 16.06 x 4.49	9.6 x 16.06 x 7.33	12.12 x 20 x 8.5	9.6 x 16.85 x 6.65	9.6 x 16.85 x 9.48	12.1 x 20.8 x 10.7
Shipping Weight [lbs]	4.8	5.1	7.6	5.7	6.1	8.5
Order number Steel	M72-0601-U0	M72-0602-U0	M72-0603-U0	M72-0201-U0	M72-0202-U0	M72-0203-U0
Price / Item(s)	\$ 48.00	\$ 61.00	\$ 77.00	\$ 78.00	\$ 84.00	\$ 98.00
Order number Stainless steel	M72-0604-U0	M72-0296-U0	M72-0606-U0	M72-0204-U0	M72-0205-U0	M72-0213-U0
Price / Item(s)	\$ 95.00	\$ 115.00	\$ 145.00	\$ 125.00	\$ 148.00	\$ 167.00

- Comfortable carrying handle with generous recessed grip
- Seals made of NBR
- Includes multilingual secure purchase adhesive for content labeling

- Choose between Containers made of stainless steel 1.4301 (SUS 316L) or galvanized steel version, powder-coated in hi-viz yellow



Falcon Safety Containers - for safe dispensing of hazardous liquids



Falcon Safety Container with Dosing Tap can be stored on any shelf



FALCON Storage and Transport Container, UN approved, 2.6 gal, in Hi-Viz Yellow, Order no. M72-0207-U0

FALCON Storage and Transport Containers, UN approved, 5.3 gal, Stainless Steel, Order no. M72-0210-U0

FALCON Safety Container with Fine Dosing Tab, 2.6 gal, Stainless Steel, Order no. M72-1010-U0

FALCON Safety Container with Fine Dosing Tab, 5.2 gal, in Hi-Viz Yellow, Order no. M72-0212-U0

Version	UN approved - with Screw Lid		with Fine Dosing Tap	
Capacity [l]	10	20	10	20
External Dimensions W x D x H [in]	6.7 x 13.4 x 11	6.7 x 13.4 x 18.5	6.7 x 17.5 x 11	6.7 x 17.5 x 18.5
Shipping Weight [lbs]	6.4	8.8	6.6	8.8
Order number Steel	M72-0207-U0	M72-0208-U0	M72-0211-U0	M72-0212-U0
Price / Item(s)	\$ 55.00	\$ 65.00	\$ 85.00	\$ 105.00
Order number Stainless steel	M72-0209-U0	M72-0210-U0	M72-1010-U0	M72-1020-U0
Price / Item(s)	\$ 95.00	\$ 115.00	\$ 120.00	\$ 150.00

FALCON Safety Spray Bottles



from \$ 54.00



High quality bottles made of stainless steel or galvanized steel, powder-coated in hi-viz yellow

- Specially designed large base prevents accidental tipping
- Highly resistant to many cleaning agents
- Ergonomic handling with plastic trigger spray includes extension
- Spray head with adjustable nozzle
- Integral plastic pumps
- High quality bottles made of stainless steel or galvanized steel, powder-coated in hi-viz yellow



Material	Steel		Stainless Steel	
Capacity [l]	1	2	1	2
External Dimensions Dia x H [in]	6.5 x 11.8	7.5 x 13.6	6.5 x 11.8	7.5 x 13.6
Shipping Weight [lbs]	1.0	1.4	1.0	1.4
Order number	M72-0430-U0	M72-0435-U0	M72-0432-U0	M72-0437-U0
Price / Item(s)	\$ 54.00	\$ 66.00	\$ 72.00	\$ 84.00

Optional Accessory

FALCON Funnels

- Funnel for safe pouring into Plunger Cans, Spray Bottles and other Falcon Totes



FALCON Funnel, galvanized ,
Order no. M72-1118-U0, \$ 25.00

FALCON Funnel, Stainless Steel,
Order no. M72-1119-U0, \$ 65.00


from \$ 60.00

FALCON Safety Plunger Cans



Choose between Plunger Cans made of stainless steel 1.4301 (SUS 316L), galvanized steel version, powder-coated in hi-viz yellow or made of polyethylene

- Provides a safe and secure method of applying solvents or other chemicals to cleaning clothes
- Easy to use spring operated pump
- Integrated flame arrestor protects while moistening rags and sponges
- Residual fluid flows back into can, reducing waste
- Controls fumes and vapors
- Specially designed large base prevents accidental tipping
- Made of hi-viz yellow polyethylene
- Choose between Plunger Cans made of stainless steel 1.4301 (SUS 316L), galvanized steel version, powder-coated in hi-viz yellow or made of polyethylene

**Use Spill Containment Sumps
for your safe storage of
hazardous materials**



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Material	Steel		Stainless Steel	
Capacity [l]	1	2	1	2
External Dimensions Dia x H [in]	7 x 7.9	7 x 11.4	5.2 x 10.2	5.2 x 12
Shipping Weight	1.3	1.6	1.3	1.5
Order number	M72-0411-U0	M72-0416-U0	M72-0412-U0	M72-0417-U0
Price / Each	\$ 55.00	\$ 59.00	\$ 77.00	\$ 82.00

Material	Polyethylene	
Capacity [l]	1	2
External Dimensions W x D x H [in]	4.7 x 4.5 x 10.5	5.7 x 6.1 x 10.5
Shipping Weight	2.9	3.6
Order number Polyethylene	M72-0470-U0	M72-0475-U0
Price / Item(s)	\$ 60.00	\$ 65.00

FALCON Safety Dip Tanks for Part Cleaning

FALCON Immersion Dip Tanks with stainless steel parts basket have a safety lid which closes automatically in the event of a fire

- Tank with self-closing lid in case of fire
- Ideal for degreasing or cleaning of small parts
- Rectangular basic shape for optimum use of space on work surfaces and in hazardous waste cabinets
- With ergonomic carrying handles for comfortable handling
- Choose between easily removable parts basket made of stainless steel or with spring-loaded stainless steel sieve



All FALCON Dip Tanks comes with fusible link to ensures that the lid closes automatically in the event of a fire.



FALCON immersion containers in galvanised steel and additionally coated in safety yellow, as standard with stainless steel parts basket and lid which closes automatically in the event of a fire

Removable Parts Basket,
Stainless Steel

FALCON Immersion Dip Tanks containers with spring-mounted immersion strainer and lid which closes automatically in the event of a fire

Version	Removable Parts Basket		Spring-Mounted Immersion Strainer	
Capacity [l]	8	10	8	10
External Dimensions W x D x H [in]	12.6 x 15.75 x 6.3	12.6 x 15.75 x 7.68	12.6 x 15.75 x 6.3	12.6 x 15.75 x 7.68
Shipping Weight	18	20	18	20
Order number	M72-0804-U0	M72-0805-U0	M72-8014-U0	M72-8015-U0
Price / Item(s)	\$ 235.00	\$ 278.00	\$ 220.00	\$ 270.00

Type I Safety Cans, 2 up to 5 Gallon

Type I and Type II Safety Cans meet OSHA (OSHA 29 CFR 1910.106 and 1925.152) and NFPA Code 30 requirements and are FM, UL and ULC Approved for safe handling and storage of gasoline and other flammable liquids.

- Drawn, 2-piece, no weld construction
- Flame arrestor in spout
- Self-closing lid including pressure relief vent



Safety Can Type I, made of Stainless Steel, Order no. M72-0075-U0, \$ 298.00

Material	Steel		Stainless Steel	
Capacity [gal]	2.0	5.0	2.5	5.0
External Dimensions Dia x H [in]	11.5 x 9.5	12.5 x 13.5	11.5 x 9.5	11.5 x 16
Shipping Weight [lbs]	5.3	7.0	8.0	10.0
Order number - Red	M72-0025-U0	M72-0030-U0	—	—
Price / Item(s)	\$ 49.00	\$ 54.00	—	—
Order number - Yellow	M72-0026-U0	M72-0033-U0	—	—
Price / Item(s)	\$ 60.00	\$ 69.00	—	—
Order number - Blue	M72-0027-U0	M72-0036-U0	—	—
Price / Item(s)	\$ 60.00	\$ 69.00	—	—
Order number - Green	M72-0028-U0	M72-0039-U0	—	—
Price / Item(s)	\$ 60.00	\$ 69.00	—	—
Order number - Stainless Steel	—	—	M72-0075-U0	M72-0080-U0
Price / Item(s)	—	—	\$ 298.00	\$ 366.00

Type I Safety Cans, 1 up to 4 Quart

Type I and Type II Safety Cans meet OSHA (OSHA 29 CFR 1910.106 and 1925.152) and NFPA Code 30 requirements and are FM, UL and ULC Approved for safe handling and storage of gasoline and other flammable liquids.

- Ideal for storing small volumes of flammables in work areas or laboratories
- Features include self-closing lid, flame arrestor in spout, grounding connection



Capacity [qt]	1	2	4
External Dimensions Dia x H [in]	5.25 x 8	6.75 x 8.75	9 x 10
Shipping Weight [lbs]	2.0	3.0	3.6
Order number - Red	M72-0010-U0	M72-0015-U0	M72-0020-U0
Price / Item(s)	\$ 47.00	\$ 42.00	\$ 45.00
Order number - Yellow	M72-0011-U0	M72-0016-U0	M72-0021-U0
Price / Item(s)	\$ 57.00	\$ 42.00	\$ 57.00
Order number - Blue	M72-0012-U0	M72-0017-U0	M72-0022-U0
Price / Item(s)	\$ 57.00	\$ 42.00	\$ 57.00
Order number - Green	M72-0013-U0	M72-0018-U0	M72-0023-U0
Price / Item(s)	\$ 57.00	\$ 42.00	\$ 57.00



Safety Can Type I

Heavy Duty Steel Drums 30 - 55 Gallon

- UN-Approved / DOT-Rated
- Closed top drums have 2" and 3/4" bung openings
- Will ensure secure storage and handling for almost any material



Open top steel drums have a tight sealing ring with bolt/nut closure

from \$ 75.00



Heavy Duty Steel Drums 30 - 55 Gallon, with open or closed Top

Version	Closed Top		Open Top	
Capacity [gal]	30	55	30	55
UN Code	1A1/Y1.4/300	1A1/Y1.8/300	1A2/Y1.5/150 & 250/S	1A2/Y1.8/150 & 400/S
Shipping Weight [lbs]	24	35	35	49
Order number	M72-7055-U0	M72-7075-U0	M72-7050-U0	M72-7070-U0
Price / Item(s)	\$ 75.00	\$ 76.00	\$ 86.00	\$ 114.00

Steel and Stainless Steel Totes

Provide Durable Containment for Storage and Transport. Meets and exceeds UN regulations and are authorized for shipment of combustible and flammable liquids per title 49 CFR.

- Available in capacities from 250 to 550 gallons
- Patented one-piece sloped bottom assures uniform and complete drainage
- 22.5" diameter fill opening allows easy dispensing into tote
- Stackable to 3 high, when warehousing only
- 1/4" thick combination lift lugs and leg positioners ease shipping and handling
- Long service life with minimal maintenance
- Patented TranSeal pressure relieving bung plug
- TRANSTORE IBCS equipped with 2" NPS brass or stainless steel outlet assembly
- Supplied with cover, EPDM gasket and bolt ring



250 Gallon IBC Tote,
Stainless Steel,
Order no. M72-7905-U0



250 Gallon IBC Tote,
Carbon Steel, painted,
Order no. M72-7910-U0

Material	Carbon Steel				
Capacity [gal]	250	300	350	450	550
External Dimensions W x D x H [in]	42 x 48 x 35	42 x 48 x 41	42 x 48 x 47	42 x 48 x 59	42 x 48 x 71
Shipping Weight [lbs]	360	400	440	525	600
Order number	M72-7910-U0	M72-7920-U0	M72-7930-U0	M72-7940-U0	M72-7950-U0
Price / Item(s)	\$ 2,335.00	\$ 2,391.00	\$ 2,402.00	\$ 2,503.00	\$ 2,763.00

Material	Stainless Steel				
Capacity [gal]	250	300	350	450	550
External Dimensions W x D x H [in]	42 x 48 x 35	42 x 48 x 41	42 x 48 x 47	42 x 48 x 59	42 x 48 x 71
Shipping Weight [lbs]	360	410	460	525	610
Order number	M72-7905-U0	M72-7915-U0	M72-7925-U0	M72-7935-U0	M72-7945-U0
Price / Item(s)	\$ 3,703.00	\$ 3,717.00	\$ 4,116.00	\$ 4,655.00	\$ 5,041.00



Poly Drums 15 - 55 Gallon

- FDA-Approved, UN-Approved and DOT-Rated
- Poly construction suitable for most aggressive chemicals



Poly Drum, Closed Top, with 3/4 and 2" Bung Opening

from \$ 49.00



Poly Drums 15 - 55 Gallon, with open or closed Top

Version	Closed Top			Open Top		
Capacity [gal]	15	30	55	15	30	55
UN Code	1H1/Y1.9/100	1H1/Y1.8/100	1H1/Y1.9/150	1H2/Y100/S	1H2/Y180/S	1H2/Y165/S
Shipping Weight [lbs]	9	14	23	9	9	23
Order number	M72-7525-U0	M72-7555-U0	M72-7575-U0	M72-7520-U0	M72-7550-U0	M72-7570-U0
Price / Item(s)	\$ 49.00	\$ 68.00	\$ 76.00	\$ 51.00	\$ 71.00	\$ 98.00

Rugged, All-Purpose Totes

These totes can be stacked four-high in warehouse settings and two-high for transport. UN and FDA approved.

- These economy IBC Totes are perfect for in-plant mixing and blending
- Suitable for most materials
- Totes are HDPE
- Cage is reinforced with warp resistant tubular steel
- Features steel bottom plates allowing for 4-way forklift entry
- Steel bottom plate is suitable for shipping

Heating Jackets for Drums and IBC Totes

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from \$ 610.00



275 gallon IBC with 2" ball valve discharge and steel bottom plate

Capacity [gal]	275	330
External Dimensions W x D x H [in]	48 x 40 x 46	48 x 40 x 54
Maximum Density [g/mL]	1.9	1.9
Shipping Weight [lbs]	132	148
Order number	M72-7845-U0	M72-7860-U0
Price / Item(s)	\$ 610.00	\$ 716.00



Double Walled Container

- Suitable for indoor and outdoor use
- Enclosed design keeps rain, snow, and debris from containment tank
- Outer tank complies with 40CFR-264.193 containment capacity requirements
- Poly resin complies with USDA 21 CFR 177.1570 (c) 3.1 and 3.5

from \$ 614.00

Capacity	35 gal	50 gal	65 gal	100 gal	120 gal
External Dimensions Dia x H [in]	24 x 35	27 x 38	28 x 37	35 x 39	33 x 45
Vented Manway Dia [in]	8	8	8	16	8
Order number	M72-8113-U0	M72-8115-U0	M72-8117-U0	M72-8120-U0	M72-8122-U0
Price / Item(s)	\$ 614.00	\$ 695.00	\$ 1,193.00	\$ 1,136.00	\$ 1,148.00

Capacity	150 gal	200 gal	350 gal	500 gal	1,000 gal
External Dimensions Dia x H [in]	34 x 48	41 x 52	52 x 56	59 x 71	74 x 85
Vented Manway Dia	16 in	16 in	16 in	16 in	16 in
Order number	M72-8125-U0	M72-8130-U0	M72-8135-U0	M72-8140-U0	M72-8145-U0
Price / Item(s)	\$ 1,429.00	\$ 1,708.00	\$ 2,009.00	\$ 2,266.00	\$ 3,780.00

Poly Tanks

- Durable poly construction highly chemical and impact resistant
- Open top design is great for mixing operations
- Poly resin complies with USDA 21 CFR 177.1570 (c) 3.1 and 3.13
- Optional hinged lid protects contents from outside contamination while providing easy access

from \$ 201.00



Optional Hinged Cover protects contents from outside contamination while providing easy access.

from \$ 723.00



Optional, corrosion resistant, heavy duty Steel Stands include an agitator bracket.

Capacity	55 gal	100 gal	150 gal	200 gal	350 gal	500 gal
External Dimensions Dia x H [in]	22 x 36	28 x 42	31 x 48	36 x 48	48 x 48	52 x 60
Order number - Tank w/o Lid	M72-8150-U0	M72-8155-U0	M72-8160-U0	M72-8165-U0	M72-8170-U0	M72-8175-U0
Price / Item(s)	\$ 201.00	\$ 433.00	\$ 558.00	\$ 635.00	\$ 962.00	\$ 1,563.00
Order number - Tank with Hinged Lid	M72-8151-U0	M72-8156-U0	M72-8161-U0	M72-8166-U0	M72-8171-U0	M72-8176-U0
Price / Item(s)	\$ 312.00	\$ 399.00	\$ 425.00	\$ 544.00	\$ 1,193.00	\$ 1,540.00
Accessories	Add Steel Mixing Stand	Add Steel Mixing Stand	Add Steel Mixing Stand	Add Steel Mixing Stand	Add Steel Mixing Stand	Add Steel Mixing Stand
Order number	M72-8152-U0	M72-8162-U0	M72-8167-U0	M72-8172-U0	M72-8177-U0	M72-8177-U0
Price / Item(s)	\$ 723.00	\$ 1,026.00	\$ 1,101.00	\$ 1,164.00	\$ 1,644.00	\$ 2,272.00

Standard/Heavy Duty Bulk Chemical Tanks

- 4-way forklift capability for ease of transport include pockets front and rear and open channels on sides
- Protective hatchway door for added protection and security for bottom drain valve
- Large 6.5 G.E.M. cap and seal exceed UN and DOT requirements (lid opening is 6")
- 2 large 2" bung openings for top draw tubes or pressure/vacuum relief vents
- Molded-in UN markings for long-term legibility and regulatory security

from \$ 1,148.00



Version	Standard			
Capacity	120 gal	220 gal	275 gal	330 gal
Shipping Weight [lbs]	168	188	209	234
Order number Standard	M72-8021-U0	M72-8026-U0	M72-8031-U0	M72-8041-U0
Price / Item(s)	\$ 1,148.00	\$ 1,306.00	\$ 1,328.00	\$ 1,388.00

Version	Heavy Duty			
Capacity	120 gal	220 gal	275 gal	330 gal
Shipping Weight [lbs]	168	211	232	257
Order number	M72-8020-U0	M72-8025-U0	M72-8030-U0	M72-8040-U0
Price / Item(s)	\$ 1,315.00	\$ 1,511.00	\$ 1,543.00	\$ 1,555.00

Stackable, Heavy Duty Bulk Chemical Tanks

Heavy Duty Base and Stacking Frame Protects Tank and Provides Superior Material Handling Benefits

- Protects tank when stacking and provides four-way forklift access for easy transport
- Tanks domed bottom design enhances drainage
- Stacks 3-4 high
- UN/DOT certified (UN 31H1) for packing group II and III per Title 49 CFR
- Pressure rated for 14.7 P.S.I.G
- Standard model offers 6" screw cap
- 20" screw cap provides access for filling, mixing, and cleaning

Capacity	220 gal	275 gal	330 gal
External Dimensions W x D x H [in]	46 x 46 x 54	46 x 46 x 62	46 x 46 x 70
Shipping Weight [lbs]	285	303	312
w/ 6" screw cap			
Order number	M72-8027-U0	M72-8037-U0	M72-8047-U0
Price / Item(s)	\$ 2,037.00	\$ 2,139.00	\$ 2,273.00
w/ 20" screw lid			
Order number	M72-8028-U0	M72-8038-U0	M72-8048-U0
Price / Item(s)	\$ 2,380.00	\$ 2,435.00	\$ 2,552.00

from \$ 2,037.00



Optional 20" Lid provides added access for filling, mixing, and cleaning

Mini Bulk Tanks

Mobile Mini Bulk tanks are designed for the efficient handling and storage of in-plant chemicals. These tanks are molded of linear polyethylene for durability and resistance to hazardous, corrosive chemicals. Mobile Tanks feature fork lift entry for convenient handling.

- Designed for the efficient handling and storage of in-plant chemicals
 - Linear polyethylene for durability and resistance
 - Translucent for visible content level
 - Molded in stand pipe locator for 2" pipe
- Concaved bottom to facilitate drainage
 - 8" vented manway for easy filling
 - Complies with Federal Spill Containment 40CFR 264-193 requirements



Mobile Mini Bulk Tank with 110 gallon capacity, Order no. M72-1885-U0



Mini-Bulk tanks are available in capacities of 120 and 220 gallons
Order no. M72-1893-U0
Order no. M72-1897-U0



Mobile Mini Bulk Tanks - choose from two capacities, Order no. M72-1887-U0

IBC Tote Spill Containment
Pallets

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Version	Mobile Bulk Tank	Mini Bulk Tank	Mobile Bulk Tank w/ Cone Bottom	Mini Bulk Tank
Capacity	110 gal	120 gal	175 gal	220 gal
External Dimensions Dia x H [in]	35 x 36	38 x 29	42 x 49	42 x 41
Vented Manway Dia [in]	8 in	8 in	8 in	8 in
Shipping Weight	40	36	98	46
Order number	M72-1885-U0	M72-1893-U0	M72-1887-U0	M72-1897-U0
Price / Item(s)	\$ 395.00	\$ 485.00	\$ 1,234.00	\$ 711.00

Drum Dolly

- For vertical transport of drums on smooth surfaces
- Dolly comes with four 3" hard rubber swivel casters
- Welded frame construction with reinforced outriggers
- Choose between Steel and Stainless Steel made models



Drum Dolly, Stainless Steel

Drum Dolly, Steel

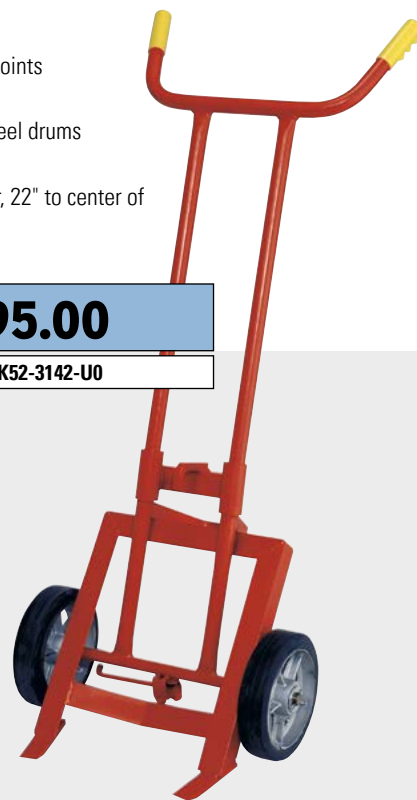
	30-gal	55-gal	85-gal
Total Load Capacity [lbs]	900	900	900
Shipping Weight [lbs]	18	22	26
Order number Steel	K52-3143-U0	K52-3149-U0	K52-3144-U0
Price / Item(s)	\$ 94.00	\$ 98.00	\$ 112.00
Order number Stainless Steel	M74-1000-U0	M74-1001-U0	M74-1002-U0
Price / Item(s)	\$ 292.00	\$ 327.00	\$ 350.00

Drum Truck

- Heavy duty, double-welded joints
- 1" structural pipe frame
- Handles 55 and 85 gallon steel drums
- Kickstands to store upright
- With wheels resting on floor, 22" to center of lowered chime hook

\$ 295.00

Order no. K52-3142-U0



Drum Truck

Low Profile Drum Caddy

Low profile allows 55-gallon drums to be tilted while guiding the caddy into position for loading.

- Use removable handle as both a lever to tilt drum and as a convenient drum bung wrench
- Capacity: 1000 lbs
- Load wheels (2) are 6" x 2" moldon rubber with roller bearings
- Swivel caster is 3" x 1" polyolefin
- Shipping Weight: 70 lbs



\$ 274.00

Order no. K52-3150-U0

Drum Caddy with Handle

Drum Truck - Stainless Steel

- Utility of a hand truck and drum truck.
- Curved frame and chime hook provide stability for 30 and 55 gallon drums
- With noseplate resting flat on floor, 18" to center of lowered chime hook, noseplate 7.812" D x 14" W
- 8" polyurethane, non-marking wheels with stainless precision ball bearings.

\$ 1,442.00

Order no. M74-1010-U0



Drum Truck - Stainless Steel



Knock-Down Drum Truck

- Handles both poly and steel 30, 55 and 85 gallon drums
- Provides steel ratchet assembly to secure drum to truck
- Features foot operated tilt bar to allow caddy rest in tilt back position and optional third wheel for added safety and security
- Casters of 10" x 2.5" polyoephin

Material	Steel			Stainless Steel	
Version	Standard	With Steel Ratchet Assembly	With 3rd Wheel	Standard	With 3rd Wheel
External Dimensions W x D x H [in]	25 x 32 x 54	25 x 32 x 54	25 x 32 x 54	25 x 32 x 54	25 x 32 x 54
Total Load Capacity [lbs]	1,000	1,000	1,000	1,000	1,000
Shipping Weight [lbs]	70	78	78	66	66
Order number	M74-1007-U0	M74-1008-U0	M74-1009-U0	M74-1004-U0	M74-1005-U0
Price / Item(s)	\$ 397.00	\$ 455.00	\$ 533.00	\$ 2,268.00	\$ 2,616.00

Manual Drum Caddy and Dispenser

- Designed to lift, transport, and tilt 55-gallon drums
- Carrier has three height adjustments: 9.25, 10.625, and 12 inches
- Drums are able to be locked in either a vertical or horizontal position
- Polyoefin wheels are strong and chemical resistant
- Ships partially assembled



Description	Manual Drum Caddy and Dispenser
External Dimensions W x D x H [in]	35 x 65.5 x 37
Total Load Capacity [lbs]	800
Shipping Weight [lbs]	105
Order number	K52-3115-U0
Price / Item(s)	\$ 514.00

Hydraulic Drum Caddy

- Convenient foot-pedal pump lifts 30 or 55-gallon drums for transport
- Narrow, compact profile allows maneuvering in tight places
- Use for steel, poly, or fiber drums with a top lip
- Front wheels: 6" x 2" rigid
- Rear swivel casters: 3" x 1.5"



Model	HDC
External Dimensions W x D x H [in]	30.5 x 27.8 x 57.5
Maximum Lifting Height [in]	15
Total Load Capacity [lbs]	500
Shipping Weight [lbs]	161
Order number	K52-3116-U0
Price / Item(s)	\$ 1,092.00

Drum Transport - Manual and DC Powered

- Unique portable drum transporter are designed to lift and transport drums with a top lip
- Steel jaw securely grips the top lip of the drum
- Straddle legs rotate for access to drums on pallets
- All welded steel construction, powder coated with a safety yellow finish



Drum Transporter, available also as
DC Powered-Lift Mechanism,
Order no. M75-0085-U0



Drum Transporter, Hand Ratchet-Lift
Mechanism, Order no. M75-0088-U0



Drum Transporter, available also
as DC Powered-Lift Mechanism



Drum Transporter, available also
as DC Powered-Lift Mechanism

Drum Transporter, Foot Pump-Lift Mechanism,
Order no. M75-0086-U0

Drum Transporter, Foot Pump-Lift Mechanism,
Order no. M75-0084-U0

Version	Hand Ratchet-Lift Mechanism	Foot Pump-Lift Mechanism		DC Powered-Lift Mechanism	
Jaw Service Range (in. to in.)	31 to 47	31 to 49	31 to 77.5	31 to 49	31 to 76
External Dimensions W x D x H [in]	49.9 x 68.9 x 45.5	50.5 x 68.5 x 43.7	50.0 x 68.9 x 72.3	55.9 x 68.9 x 43.7	55.9 x 68.9 x 72.3
Total Load Capacity [lbs]	880	1,500	880	1,500	880
Shipping Weight [lbs]	275	293	345	446	446
Order number	M75-0088-U0	M75-0084-U0	M75-0086-U0	M75-0085-U0	M75-0087-U0
Price / Item(s)	\$ 1,401.00	\$ 1,597.00	\$ 1,746.00	\$ 4,388.00	\$ 4,540.00

Drum Caddy - Lift & Drive

This Manual Low Profile Hydraulic Drum Caddy allows a single operator to engage elevated drums as well as to transport and position drums.

- Ideal for loading and unloading steel, plastic and fiber drums when no fork truck is available
- A spring-loaded clamp securely grasps the rim of a drum
- To elevate the rim clamp the truck incorporates a foot-operated hydraulic pump
- Truck is easy to assemble/disassemble for storage

from \$ 905.00



Drum Caddy, Foot Pump Powered

Drum Rotator

A safe and secure method of dealing with the challenges of lifting and emptying drums

- Full 180 degree rotation for complete inverting
- Versatile and easily relocated
- Fully enclosed drum saddle and locking clamp for safety
- Anti-backlash Worm Gear for ease in rotating drums up to 850 lbs
- Adjustable straddle legs for tight locations
- Easy foot pump for drum lifting
- Dump heights up to 63" - covers most any application
- Standard adaptors for using fiber or poly drums
- Options for FDA-approved finish, and anti-static wheels as well as battery operation



Drum Rotator, Foot Pump Powered

Description	Foot Pump Powered
External Dimensions W x D x H [in]	37 x 34 x 60
Total Load Capacity [lbs]	600
Maximum Lifting Height [in]	65
Width between legs [in]	26 3/4
Length of legs [in]	33
Lifting Speed fpm [fpm]	85
Shipping Weight [lbs]	185
Order number	M75-0270-U0
Price / Item(s)	\$ 905.00

Description	Foot Pump Powered
External Dimensions W x D x H [in]	49 x 36 x 79
Total Load Capacity [lbs]	850
Maximum Lifting Height [in]	63
Turning Radius	360
Width between legs [in]	26 3/4
Length of legs [in]	33
Lifting Speed fpm [fpm]	85
Shipping Weight [lbs]	370
Order number	K52-3206-U0
Price / Item(s)	\$ 5,456.00

Hand Pump Powered Lifter - Rotator - Dumper

Manual hydraulic pump raises drums to a maximum height of 68". Use with steel and fiber 55-gal drums. Hand crank turns gear drive a complete 360 degrees.

- Floor lock keeps unit in a fixed position
- Easy to use pump and crank system allows for precise drum positioning



Hand Pump Powered Drum Lifter

Battery Powered, Drum Lifter & Rotator

Battery powered rotary drum lifter offers fully powered lifting and tilting of steel, fiber or plastic drums. Effortlessly move and rotate drums for controlled dispensing and dumping. Ideal for loading and unloading pallets

- Battery powered hydraulic power pack and charger (requires a 12 V deep cycle battery, not included)
- Manually propelled on polyurethane wheels: 4" x 1.5" polyurethane swivel rear casters, 3" x 1.5" polyurethane fixed front wheels
- Equipped with 2" nylon straps complete with ratchet tighteners



Battery Powered Drum Lifter & Rotator

Description	Hand Pump Powered
External Dimensions W x D x H [in]	36 x 61 x 88
Total Load Capacity [lbs]	550
Maximum Lifting Height [in]	62
Turning Radius	360°
Width between legs [in]	257
Length of legs [in]	40.25
No. of turn to rotate a drum totally	42
Shipping Weight [lbs]	519
Order number	K52-3240-U0
Price / Item(s)	\$ 2,395.00

Description	Battery Powered
External Dimensions W x D x H [in]	36 x 46 x 78
Total Load Capacity [lbs]	800
Maximum Lifting Height [in]	61
Turning Radius	360°
Width between legs [in]	248
Length of legs [in]	25.5
Lifting Speed fpm [fpm]	17
Shipping Weight [lbs]	550
Order number	K52-3210-U0
Price / Item(s)	\$ 6,341.00



\$ 2,816.00
Order no. K52-3114-U0

Portable Drum Lift with Beak Attachment,
Order no. K52-3114-U0

Portable Drum Lift with Beak Attachment

- Engineered for easy access and maneuverability
- Conveniently and efficiently moves 30 - 85-gallon steel drums on and off pallets
- Ergonomic design reduces the risk of back and muscle injury and allows a single operator to safely manipulate most types of rimmed drums
- Claw-type grab attaches effortlessly and securely to the rim
- Hydraulic pump raises drums 21" off the floor
- Rear swivel caster with brake
- Two front fixed wheels to roll smoothly over any surface
- Solid steel construction

	Portable Drum Lift with Beak Attachment
External Dimensions W x D x H [in]	50 x 40 x 67
Total Load Capacity [lbs]	800
Maximum Lifting Height [in]	21
Shipping Weight [lbs]	262
Order number	K52-3114-U0
Price / Item(s)	\$ 2,816.00

Drum Handlers

- Picks up drum automatically, no need for operator to handle drums
- Works with both open and closed head drums
- Handles most standard 30, 55, and 85 gallon Fiber, Poly and Steel Drums
- Swivel, phenolic casters and floor lock ease handling and provide safety while loading/unloading



Drum Handler with Scale



Drum Handler, Battery Power, Lift & Drive



Drum Handler - Standard

Drum Handler, High Reach, Steel



Drum Handler, High Reach, Stainless Steel

Material	Steel					Stainless Steel
Version	Standard	Standard with Scale	High Reach	Battery Powered Lift	Battery Power, Lift & Drive	High Reach
Maximum Lifting Height [in]	19	19	36	36	36	36
External Dimensions W x D x H [in]	41 x 36 x 57	42 x 40 x 57	41 x 36 x 76	41 x 53 x 76	41 x 53 x 76	43 x 39 x 76
Total Load Capacity [lbs]	1,100	1,100	1,100	1,100	1,100	800
Shipping Weight [lbs]	356	356	376	531	691	207
Order number	K52-3110-U0	K52-3185-U0	K52-3187-U0	K52-3186-U0	K52-3188-U0	M74-1006-U0
Price / Item(s)	\$ 3,335.00	\$ 8,083.00	\$ 6,269.00	\$ 8,092.00	\$ 15,240.00	\$ 9,483.00

Portable Drum Stacker - Manual and AC/DC Powered

The Drum Stacker is perfect for positioning 55 gallon steel drums horizontally on shelves. Drums are held in place with a ratchet mechanism. Fully loaded drums rotate 360 degrees. Unit rolls easily on two (2) 8" x 2" glass-filled nylon rigid casters and two (2) 5" x 2" swivel poly-on-steel casters.

- Economical design to lift and transport drums effectively
- Solid steel construction provides stability during transit
- Lift operation is AC/DC powered or done manual.
- Push handle folds down for easy access to the foot pump which lifts the drums



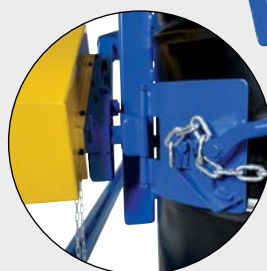
Foot Pump Unit for manually operating



Electric Power Unit for automatically lifting operation



Portable Drum Stacker, Lifting Height 72", manually operated by foot pump, Order no. M75-0166-U0



Safety first - every Drum Stacker comes with galvanized chain to fix the drum



Portable Drum Stacker, Lifting Height 60", manually operated by foot pump, Order no. M75-0163-U0

Foot Pump Unit for manually operating

Maximum Lifting Height [in]	60	72	84	96
External Dimensions W x D x H [in]	109.3 x 49.2 x 77.4	109.3 x 49.2 x 92.5	124.9 x 53.2 x 105.9	124.9 x 53.2 x 118.8
Shipping Weight [lbs]	645	659	709	877
Order number - Manual	M75-0163-U0	M75-0166-U0	M75-0169-U0	M75-0172-U0
Price / Item(s)	\$ 3,466.00	\$ 3,595.00	\$ 3,814.00	\$ 3,966.00
Order number - AC Power	M75-0164-U0	M75-0167-U0	M75-0170-U0	M75-0173-U0
Price / Item(s)	\$ 4,803.00	\$ 4,928.00	\$ 5,151.00	\$ 5,299.00
Order number - DC Power	M75-0165-U0	M75-0168-U0	M75-0171-U0	M75-0174-U0
Price / Item(s)	\$ 4,803.00	\$ 4,928.00	\$ 5,151.00	\$ 5,299.00

Portable and Stationary Drum Dumping Equipment

- The Hydraulic Drum Dumper is what you need to dump heavy drums
- Works with plastic, steel, and fiber drums
- Dumper has a solid steel chute
- The portable units have casters with floor lock screws
- All steel construction
- Upper travel limit switch, emergency brass safety velocity fuse in cylinder, and vertical adjustment drum restraints are standard

- Dumper is operated with a hand held control on a coil cord standard
- Internal pre-wired heavy-duty electric motor conveniently dumps drums.
- Adjustable drum restraints work with all types of 30 and 55 gallon drums

from \$ 2,621.00



Stationary Drum Dumper, available as Steel or Stainless Steel model



Portable Drum Dumper, available as Steel or Stainless Steel model



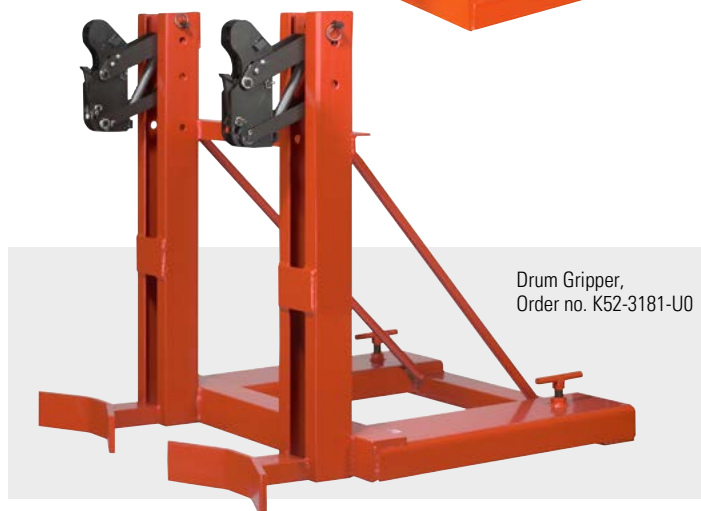
Stationary Drum Dumper, available as Steel or Stainless Steel model

Version	Portable Hydraulic Drum Dumper			Stationary Hydraulic Drum Dumper		
Total Load Capacity*	750 lbs	1,000 lbs	1,500 lbs	750 lbs	1,000 lbs	1,500 lbs
External Dimensions W x D x H [in]	61.5 x 36 x 63.75			61.5 x 36 x 60		
Shipping Weight [lbs]	788 lbs	763 lbs	776 lbs	709 lbs	727 lbs	781 lbs
Order number - Painted Steel	M75-0199-U0	M75-0191-U0	M75-0195-U0	M75-0201-U0	M75-0193-U0	M75-0197-U0
Price / Each	\$ 2,621.00	\$ 4,505.00	\$ 5,025.00	\$ 2,418.00	\$ 4,180.00	\$ 4,697.00
Order number - Stainless Steel	M75-0200-U0	M75-0192-U0	M75-0196-U0	M75-0202-U0	M75-0194-U0	M75-0198-U0
Price / Each	\$ 3,932.00	\$ 5,643.00	\$ 6,341.00	\$ 4,975.00	\$ 6,783.00	\$ 5,635.00

*Other capacities and sizes available

Forklift Mounted Drum Gripper

- Grips and locks poly, fiber, and steel drums
- Picks up drum automatically
- Works with both open and closed head drums
- Heavy-duty carriage design
- available for one or two drums and in either single or double grip



Optional Accessory

Protective Belt

- To further protect drums from damage while in transit
- Fits to Drum Grippers K52-3182 and K52-3183



Protective Belt,
Order no. K52-3184-U0, \$ 108.70



Version	Single Grip		Double Grip	
Total Load Capacity [lbs]	1,000	1,600	1,000	1,600
External Dimensions W x D x H [in]	28 x 34 x 34	32 x 28 x 37	33.3 x 34 x 34	32 x 28 x 37
Fork Pocket Centers [in]	5.5	7.0	7.0	7.0
Shipping Weight [lbs]	126	244	208	340
Order number	K52-3180-U0	K52-3182-U0	K52-3181-U0	K52-3183-U0
Price / Item(s)	\$ 1,031.78	\$ 2,393.78	\$ 1,818.36	\$ 3,926.14

Vertical Drum Lifter

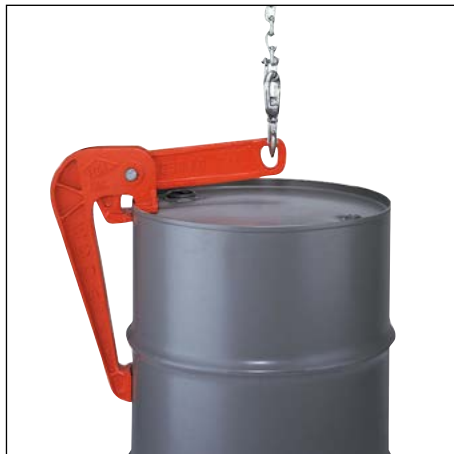
- Lifts 55-gallon steel drums (open or closed head) vertically
- Not for plastic or fiber drums or for lifting empty or lightweight drums



Vertical Drum Lifter,
Order no. K52-3151-U0, \$ 145.00

Hoist Drum Lifter

- Lifts 55-gallon steel drums (open or closed head) vertically
- D-Shaped lifting ring fits most overhead systems
- Inverted ring fits web-lifting slings



Hoist Drum Lifter,
Order no. K52-3159-U0, \$ 171.00

Ring Lifter

- Features three gripping hooks for added stability/security while lifting



Ring Lifter,
Order no. K52-3166-U0, \$ 179.00

Open Head Drum Lifter

- For use with standard steel or poly drums with at least a 3/16" chime
- Lifting arms are adjustable to work with most 55 or 30 gallon drums
- Three-point contact of the lifting arms prevents or minimizes deformation of the drum and provides more secure lifting
- Also works on closed head drums

\$ 221.00

Order no. K52-3165-U0



Open Head Drum Lifter



Sling Lift

- This horizontal lifter is designed for steel drums and features a lifter lock for added safety and security



Sling Lift,
Order no. K52-3168-U0, \$ 48.00

Double Forklift Hook Attachment

- Slips easily onto forks and is hand secured into position by wing nuts
- Safely and securely attach our overhead drum lifter
- Opening Size: 7.875" x 2.75"

\$ 825.00

Order no. K52-1109-U0



Double Forklift Hook Attachment

Vertical / Horizontal Combination Action Drum Lifter

- Overhead drum lifters allow operators to lift ft and maneuver drums safely and effortlessly
- Transports 55 gallon steel drums (open or closed head) vertically and horizontally
- Perfect for dispensing and pouring
- Attach to a hoist, crane or forklift for secure elevating/rotating

\$ 1,260.00

Order no. K52-3152-U0

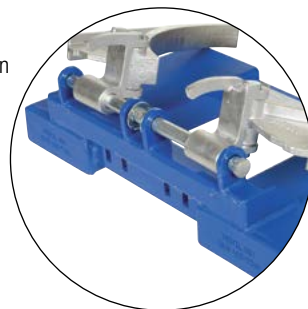


Vertical / Horizontal Combination Action Drum Lifter,
Order no. K52-3152-U0, \$ 1,260.00

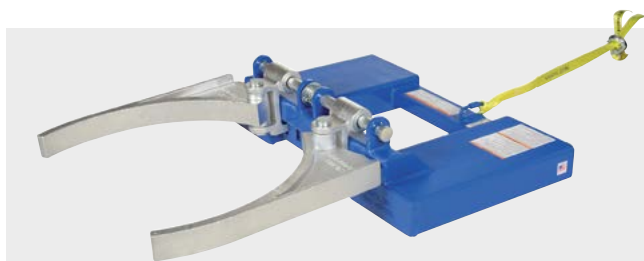


Drum Gripper

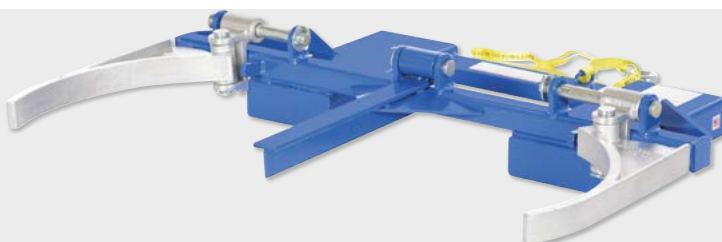
- Easily pick up one or two steel drum without leaving the seat of the fork truck
- Simply slip the forks into the fork pocket, fasten the safety restraint and the Drum Gripper is ready to go
- The knuckle gripping system is lowered around the drum, gripped tightly, and then lifted into the air
- Features hinged folding design for storage and adjustable-width arms for use with steel drums
- Safety restraint included
- Welded steel construction
- Powder coat finish



Save storage space while folding the arms of the Drum Gripper together



Single Drum Gripper (55 gal), Order no. M75-0099-U0



Double Drum Gripper (55 gal), Order no. M75-0098-U0

	Single Drum Gripper	Double Drum Gripper
External Dimensions W x D x H [in]	35 x 27.75 x 7.5	35 x 45 x 7.5
Shipping Weight [lbs]	164	211
Order number	M75-0099-U0	M75-0098-U0
Price / Item(s)	\$ 585.00	\$ 789.00

Deluxe Combo Fork Mount Drum Lifter

- Drum Lifter includes attachments to lift any type of drum; steel, plastic, fiber, and open or closed head drums
- Includes single Eagle Beak™ unit and both bottom and top lip poly drum lifters
- Includes safety restraint for securing unit to fork truck
- Welded steel construction
- Powder coat finish
- Supplied to secure the drum to the unit when traveling over rough terrain



Deluxe Combo Fork Mount Drum Lifter,
Order no. M75-0097-U0

	Combo Fork Mount Drum Lifter
External Dimensions W x D x H [in]	47 x 29 x 29
Shipping Weight [lbs]	332
Order number	M75-0097-U0
Price / Item(s)	\$ 1,907.00

Drum Handler

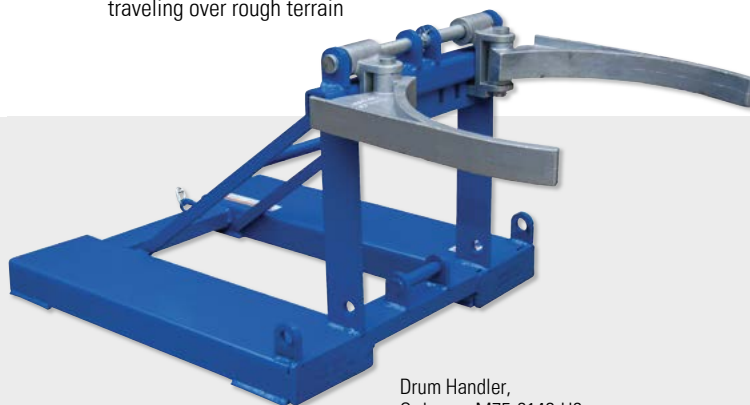
- This easy to use fork mounted poly drum handler is designed to handle odd-shaped plastic drums
- Includes safety restraint for securing unit to the fork truck
- Durable powder coat finish

- This handler has adjustable arms that are designed to fit tapered round bottom plastic drums
- Low drum attachment point allows for use with both open and closed head drums
- A ratchet strap is supplied to secure the drum to the unit when traveling over rough terrain

from \$ 931.00



Drum Handler,
Order no. M75-0150-U0



Drum Handler,
Order no. M75-0149-U0

Version	Low	High
External Dimensions W x D x H [in]	56.5 x 29 x 22.5	48.4375 x 29 x 22.5
Shipping Weight [lbs]	235	196
Order number	M75-0150-U0	M75-0149-U0
Price / Item(s)	\$ 931.00	\$ 1,187.00

Drum Rotator, Manual Operated

- Easily transport and rotate steel drums using a fork truck
- Drums are held securely in place by a durable chain locking system
- Provided with a chain to allow the drum to be rotated from the fork truck operator's seat

- This DC powered unit includes batteries, on-board charger, and hand held control on a long coil cord



Drum Rotator, Manual Operated,
Order no. M75-0082-U0



Drum Rotator, DC Powered,
Order no. M75-0081-U0

Version	Manual operated	DC Powered	DC Powered
External Dimensions W x D x H [in]	30.625 x 40 x 21.6875	39.125 x 40 x 20.6875	39.125 x 40 x 20.6875
Shipping Weight [lbs]	229	241	306
Order number	M75-0082-U0	M75-0083-U0	M75-0081-U0
Price / Item(s)	\$ 3,353.00	\$ 4,324.00	\$ 4,554.00

Fork Extensions

- OSHA regulations require that extensions are no more than one-hundred and fifty (150) percent of the existing fork length
- Insert loop at the tip of the fork and slide it up at a forty-five (45) degree angle
- Then, lay it down over the existing fork

Fork Extensions Loop Style

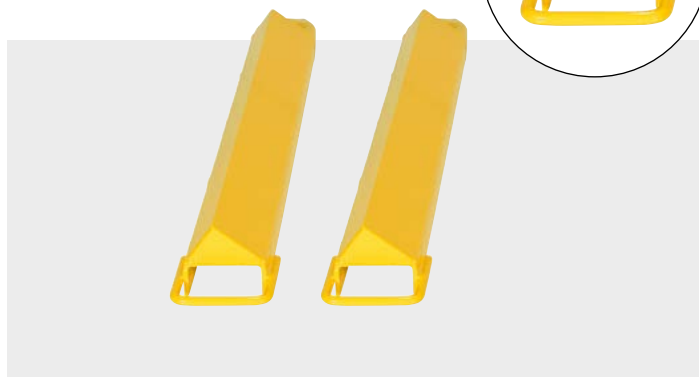
- Insert Loop at the tip of the fork and slide it up at a 45° angle

from \$ 363.00



Fork Extensions Triangle Style

- These Triangular Fork Extensions are ideal for moving around large rolls of material



Fork Extensions Round Style

- These Round Fork Extensions are ideal for moving around large rolls of material



Fork Extensions Pin Style

- Remove Pin and lay extension over fork or drive fork truck into the extension



Model	- Loop Style		- Pin Style		- Round		- Triangle	
Version	4" Fork Extension	5" Fork Extension	4" Fork Extension	5" Fork Extension	4" Fork Extension	5" Fork Extension	4" Fork Extension	5" Fork Extension
External Dimensions W x D x H [in]	57.1 x 6.4 x 2.3	57.1 x 7.4 x 2.3	51.6 x 9.5 x 2.3	57.6 x 9.5 x 2.3	57.1 x 6.4 x 4.5	57.1 x 7.4 x 5.1	57.1 x 6.4 x 4.8	57.1 x 7.4 x 4.9
Shipping Weight	74	96	74	96	74	96	74	96
Order number Yellow	M75-0874-U0	M75-0903-U0	M75-0876-U0	M75-0905-U0	M75-0877-U0	M75-0906-U0	M75-0879-U0	M75-0908-U0
Price / Item(s)	\$ 363.00	\$ 380.00	\$ 455.00	\$ 475.00	\$ 685.00	\$ 704.00	\$ 685.00	\$ 704.00
Order number Black	M75-0875-U0	M75-0904-U0	—	—	—	—	—	—
Price / Item(s)	\$ 363.00	\$ 380.00	—	—	—	—	—	—

Telescoping and Non-Telescoping Economy Lift Booms

- Unique performance, convenience, and safety features are built into every Lift Boom
- Fabricated from structural steel with welding to meet AWS creates a rugged and durable boom that will provide long term service
- A safety restraint secures the boom to the fork truck for safe operation
- Includes two (2) lifting hooks

from \$ 965.00



Economy models are used for overall general applications.
For a more stable & stronger boom, choose the Master Lift Boom



Non-Telescoping Economy Lift Boom, Uniform capacity 4,000 lbs ,
Order no. M75-1108-U0



Non-Telescoping Lift Master Boom, Uniform capacity 4,000 lbs ,
Order no. M75-1085-U0



Telescoping Economy Lift Boom, Uniform capacity 8,000 lbs ,
Order no. M75-1126-U0



Non-Telescoping Lift Master Boom, Uniform capacity 8,000 lbs ,
Order no. M75-1104-U0

Model	Economy Lift Boom				Master Lift Boom			
	Non-Telescoping		Telescoping		Non-Telescoping		Telescoping	
Total Load Capacity [lbs]	4,000	8,000	4,000	8,000	4,000	8,000	4,000	8,000
External Dimensions W x D x H [in]	81.6 x 32 x 13.3	80.4 x 32 x 11.5	86.3 x 32 x 13	84.9 x 32 x 15	81.5 x 32 x 24.8	80.1 x 32 x 23.5	86 x 32 x 25.9	84.6 x 32 x 26.6
Fork Pocket Centers [in]*	24	24	24	24	24	24	24	24
Shipping Weight [lbs]	258	418	333	577	333	615	424	647
Order number	M75-1108-U0	M75-1115-U0	M75-1119-U0	M75-1126-U0	M75-1085-U0	M75-1092-U0	M75-1097-U0	M75-1104-U0
Price / Item(s)	\$ 965.00	\$ 2,045.00	\$ 1,248.00	\$ 2,330.00	\$ 1,368.00	\$ 2,449.00	\$ 1,585.00	\$ 2,671.00

*Lift Booms with different Fork Pocket Center dimensions and higher Load Capacities are also available. For more details please call Factory.

7



There are many safety requirements that are crucial to consider when planning and operating production processes. Safely transporting your production materials is equally as important as having correct signage in place in your facility. You need to consider all these essential on-site requirements when you plan, implement and maintain production operations throughout your company. DENIOS is a trusted expert in the field of occupational safety and facility maintenance.



Facility Maintenance & Work Safety

238 Drum Crushers

240 Tilt Trucks & Hoppers

244 Waste Tanks & Cans, Salvage Drums

248 Scrapers, Scoops & Paddles

250 Industrial Vacuums

252 Lock-Out / Tag-Out

261 Mirrors

264 Posts, Bollards & Guards

268 Eye Wash and Shower Systems

277 PPE - Personal Protection Equipment



Hydraulic Drum Crushers - Stationary

- The Hydraulic Drum Crusher/Compactor crushes steel drums and resets automatically to crush another drum
- The included drum compacting feature allows you to compact contents inside the drum by simply removing the drum crushing plate
- Crushing feature will work with any drum size up to 55 gallons
- Compacting feature will only work with 55 gallon drums
- This convenient design gives you two pieces of equipment in one
- Safety features include a pressure relief valve, which prevents overload, and a door interlock system that will prevent the motor from running unless the door is closed
- Built-in fork pockets aid in transporting
- Drip pan is included to reduce unnecessary oil spills

from \$ 15,179.00



Hydraulic Drum Crushers - Stationary,
Order no. M75-0180-U0



Hydraulic Drum Crushers - Stationary, High Power Pkg,
Order no. M75-0177-U0

Just give us a call.
We would be pleased to
provide you with advice!

» Expert advice: 800-216-7776

Hydraulic Drum Crushers - Mobile

- Take the Mobile Gasoline Powered Drum Crusher to where the drums are
- Save time and trips by transporting drums that are already crushed
- Features a Briggs & Stratton gasoline engine with a mushroom-head emergency stop button that will instantly shut down the unit
- A hydraulic reservoir holds hydraulic oil
- Power tilt and integral trailer with stabilizing outriggers, nose jack and tail/brake lights
- Exterior tension mounted twin cylinders eliminate rod buckling and damage
- This crusher has a foot pedal control for the crushing operation and door interlock system that requires the door to be closed for the cycle to operate
- The built-in drum head piercing spike relieves pressure inside sealed drums
- This unit must be used in well-ventilated area (not for use indoors) and may be used attached or unattached to a vehicle
- An air/oil cooler is included to prevent overheating during continuous operation
- The drum crushing operation is fully-automatic, crushes the drum then resets itself

Optional Accessory



Aluminum Drip Pan, Order no. M75-0176-U0, \$ 202.00



Hydraulic Drum Crushers - Mobile,
Order no. M75-0175-U0



Model	Electric - Standard			Electric - High Cycle Pkg			Gas-Powered
Voltage	208 V	230 V	460 V	208 V	230 V	460 V	—
External Dimensions W x D x H [in]	39 x 37 x 90	39 x 37 x 90	39 x 37 x 90	60 x 37 x 90	60 x 37 x 90	60 x 37 x 90	35 x 85 x 60
Shipping Weight [lbs]		1,570		3,400	2,148		3,400
Order number	M75-0180-U0	M75-0181-U0	M75-0182-U0	M75-0177-U0	M75-0178-U0	M75-0179-U0	M75-0175-U0
Price / Item(s)	\$ 15,179.00	\$ 15,179.00	\$ 15,179.00	\$ 22,266.00	\$ 22,266.00	\$ 22,266.00	\$ 28,155.00

Low Profile Hoppers

- The low profile hopper design is an ideal addition to the manufacturing and maintenance facilities
- The powder coated design is smooth for comfortable handling during use
- The unit can be transferred from workstation to workstation quietly and easily by utilizing the attached casters
- Models with forklift pockets usually used for long distance transport and dumping
- The height of the unit allows for a more ergonomic posture of the user to reduce bending and twisting

from \$ 1,000.00



Low Profile Hopper with Casters and Handle,
Order no. M75-1206-U0



Low Profile Hopper - easy dumping
when using a forklift truck



Low Profile Hopper with Forklift Pockets,
Casters and Handle, Order no. M75-1082-U0

Version	with casters		with casters and forklift pockets	
Storage Capacity*	1/4 Cubic Yard	1/3 Cubic Yard	1/3 cubic yard	1/2 cubic yard
External Dimensions W x D x H [in]	43 x 27 x 37	55 x 31 x 37	54 x 30 x 34	55 x 49 x 34
Total Load Capacity [lbs]	1,000	1,000	2,000	2,000
Shipping Weight [lbs]	126	155	199	340
Order number	M74-0802-U0	M75-1206-U0	M75-1083-U0	M75-1082-U0
Price / Item(s)	\$ 1,000.00	\$ 1,121.00	\$ 1,016.00	\$ 1,223.00

*More sizes available online

Optional Accessory

Caster Kit for Hoppers

- Transport loads with portable hoppers
- Ductile Steel Caster 6" x 2"



Caster Kit for Hoppers,
Order no. M75-0857-U0, \$ 598.00

Self Dumping Steel Hoppers

- This Self-Dumping Steel Hopper with Bumper Release automatically dumps when bumper release contacts the side of the dumpster
- Hopper returns to an upright and locked position automatically after it dumps
- Also includes a cable that may be operated from the seat of the fork truck to manually dump the hopper
- The included safety restraint should be properly secured to a fork truck before dumping
- Full-length fork tube provide a solid base
- Safety restraint secures the hopper to the fork truck

\$ 1,271.00

Order no. M75-0382-U0



Light Duty Hopper,
Order no. M75-0382-U0



Medium Duty Hopper,
Order no. M75-0510-U0



Heavy Duty Hopper,
Order no. M75-0638-U0

Storage Capacity*	1 Cubic Yard	2 Cubic Yard	3 Cubic Yard
External Dimensions W x D x H [in]	61.1 x 41 x 42.7	68.3 x 56 x 51.8	68.5 x 81.2 x 51.6
Total Load Capacity [lbs]	2,000	4,000	6,000
Shipping Weight [lbs]	479	701	940
Order number	M75-0382-U0	M75-0510-U0	M75-0638-U0
Price / Item(s)	\$ 1,271.00	\$ 1,710.00	\$ 2,882.00

*More sizes available online

Optional Accessory



Hinged Lid,
Order no. M75-1168-U0, \$ 339.00

Poly Lids

- Keep the contents of hoppers out of sight for a cleaner appearance with our Heavy-Duty Poly Lid
- Constructed from heavy-duty polyethylene material, this lid is lightweight and easy to open
- The top of the lid includes a crown for water drainage and a ribbed design for strength and aesthetics
- Factory installed when ordered with hopper
- Easily field-installable with hardware and instructions included. Other colors available online

Poly Tilt Trucks

- Seamless bodies molded in heavy-duty polyethylene will not dent, chip, corrode or absorb moisture
- Steel chassis is all-welded, superior to bolted frames
- High-quality wheels, casters & hardware are used to ensure that overall wheel and caster capacity is greater than truck rated weight capacity
- All wheels are rubber molded on cast steel, roller bearing hubs
- All casters are urethane on polymer
- Unique nesting ability due to inset wheels allows for reduced shipping & storage costs, while also protecting walls and door frames from accidental wheel impact



Poly Tilt Truck, 1.1 Cubic Yard, blue,
Order no. M74-0245-U0



Poly Tilt Truck, 3 Cubic Yard, gray,
Order no. M74-0325-U0

from \$ 352.00



Poly Tilt Truck, 5/8 Cubic Yard, yellow,
Order no. M74-0184-U0

Storage Capacity*	5/8 Cubic Yard		1.1 Cubic Yard	
External Dimensions W x D x H [in]	56 x 27 x 36		69 x 32 x 40	69 x 32 x 42
Total Load Capacity [lbs]	1,500		2,100	2,100
Shipping Weight [lbs]	65		85	167
Order number Gray	M74-0180-U0		M74-0220-U0	M74-0244-U0
Order number Blue	M74-0181-U0		M74-0221-U0	M74-0245-U0
Order number Red	M74-0182-U0		M74-0222-U0	M74-0246-U0
Order number Green	M74-0183-U0		M74-0223-U0	M74-0247-U0
Order number Yellow	M74-0184-U0		M74-0224-U0	M74-0248-U0
Order number Orange	M74-0185-U0		M74-0225-U0	M74-0249-U0
Order number Black	M74-0186-U0		M74-0226-U0	M74-0250-U0
Order number Translucent	M74-0187-U0		M74-0227-U0	—
Price / Item(s)	\$ 352.00		\$ 440.00	\$ 849.00

*More sizes and configurations available - call for details

Self Dumping Poly Tilt Trucks

- Self dumping poly tilt truck employs wheels and can be used with fork truck for easy transport and dumping
- Designed to dump up to 40 degrees below horizontal to ensure total emptying of contents
- Seamless, molded polyethylene body is supported by steel tube frame
- 6" casters allow for easy maneuverability
- Hinged lids are available
- Standard framework is painted black
- Hoppers should be secured to forklift or floor before dumping



Storage Capacity	5/8 cubic yard	1.1 cubic yard	1.7 cubic yard	2.2 cubic yard
External Dimensions W x D x H [in]	59 x 26 x 42	71 x 31 x 46	80 x 40 x 55	80 x 51 x 55
Total Load Capacity [lbs]	750	1,000	1,200	1,500
Shipping Weight [lbs]	220	258	354	386
Order number Black	M74-0450-U0	M74-0458-U0	M74-0466-U0	M74-0474-U0
Order number Blue	M74-0445-U0	M74-0453-U0	M74-0461-U0	M74-0469-U0
Order number Green	M74-0447-U0	M74-0455-U0	M74-0463-U0	M74-0471-U0
Order number Orange	M74-0449-U0	M74-0457-U0	M74-0465-U0	M74-0473-U0
Order number Red	M74-0446-U0	M74-0454-U0	M74-0462-U0	M74-0470-U0
Order number Translucent	M74-0451-U0	M74-0459-U0	M74-0467-U0	M74-0475-U0
Order number Yellow	M74-0448-U0	M74-0456-U0	M74-0464-U0	M74-0472-U0
Order number Gray	M74-0444-U0	M74-0452-U0	M74-0460-U0	M74-0468-U0
Price / Item(s)	\$ 1,485.00	\$ 1,708.00	\$ 2,277.00	\$ 2,505.00

Large Tote Bins

- Totes are built to last and offer large storage for a variety of tasks
- Use them as a spill kit container for storage of spill response equipment, or as a general-purpose bulk container
- Durable, UV resistant, weather resistant design
- Stackable, nestable, forkliftable
- Choose between Bin only or models with Lids and 4" polyurethane or 8" solid rubber wheels



Version	Large			X-Large		
Capacity [gal]	123			223		
Contents	Bin only	w/ Lid and 4" wheels	w/ Lid and 8" wheels	Bin only	w/ Lid and 4" wheels	w/ Lid and 8" wheels
External Dimensions W x D x H [in]	44.5 x 35 x 30.4	45 x 35.5 x 36	45 x 35.5 x 40	51 x 46.5 x 33	51.5 x 47.3 x 38	51.5 x 47.3 x 42
Total Load Capacity [lbs]	500	500	500	500	500	500
Shipping Weight [lbs]	49	55	74	55	79	98
Order number	M76-1142-U0	M76-1145-U0	M76-1146-U0	M76-1147-U0	M76-1150-U0	M76-1151-U0
Price / Item(s)	\$ 190.00	\$ 593.00	\$ 742.00	\$ 238.00	\$ 670.00	\$ 818.00

Tanks for Storing Used Oils

The ideal double-wall tank with 110% secondary containment. Safe, Easy-To-Use Storage Tank for Used Oils, made of 100% Recyclable Polyethylene.

- Meets the latest EPA standards for used oil storage containers CFR 40-279.22
- Weather resistant and vented with hinged, lockable manway - suitable for exterior storage
- Translucent "Safety Yellow" containment tank for easy routine inspection. Maintenance-free, won't rust, chip or dent
- Easy to clean
- Oil level monitoring gauge
- Large sink with debris screen and removable debris strainer
- Automatic overflow shutoff
- 2" external quick-release drain coupling



from \$ 1,469.00

Tank for used oils, available with volumes from 100 up to 385 Gallon. Other dimensions up to 1,000 Gallon on request.



Tank for used oils,
385 Gallon

Capacity	100 gal	150 gal	200 gal	385 gal
External Dimensions Dia x H [in]	35 x 41	34 x 49	41 x 53	64 x 42
Shipping Weight [lbs]	100 lbs	125 lbs	140 lbs	250 lbs
Order number	M72-1890-U0	M72-1891-U0	M72-1894-U0	M72-1895-U0
Price / Item(s)	\$ 1,469.00	\$ 1,775.00	\$ 2,145.00	\$ 2,708.00

Drip Pans

- Designed with molded handles/hand grips for easy carrying and pouring



15 quart model features a center drain with cap



20 quart models for open reservoir



58 quart model features a center drain with cap and is equipped with roller wheels for easy transport

Capacity [qt]	15	20	58
External Dimensions L x D x H [in]	23.1 x 17.8 x 6.9	24.0 x 18.0 x 6.2	36.0 x 26.0 x 9.5
Order number	M28-0020-U0	M28-0021-U0	M28-0023-U0
Price / Item(s)	\$ 29.00	\$ 22.00	\$ 136.00

Salvage Drums, UN certified

These Salvage Drums feature an innovative UN qualified leverlock drum ring that eliminates the need for closing tools and takes the guesswork out of complying with technical closure instructions. The quick-lever closure secures easily, with no need to measure torque or ring gap.

- Steel Salvage Drums are approved for the storage and transport of hazardous materials
- Drums are pre-labeled in immediately identify them as salvage drums
- All are certified to comply with UN requirements
- Drums are equipped with a unique quick lever closure for tight, secure closing without the need for additional hand tools



Capacity [gal]	5	8	10	20	55	85
External Dimensions Dia x H [in]	14.0 x 8.9	14.0 x 14.5	14.0 x 17.4	18.3 x 19.3	22.5 x 32.8	26.0 x 36.8
UN Code	1A2/X60/S	1A2/X96/S	A2/X96/S	1A2/X220/S	1A2/X430/S	1A2/Y440/S
Shipping Weight [lbs]	10	14	15	27	50	82
Order number	M72-6910-U0	M72-6915-U0	M72-6920-U0	M72-6925-U0	M72-6930-U0	M72-6935-U0
Price / Item(s)	\$ 130.00	\$ 143.00	\$ 150.00	\$ 198.00	\$ 258.00	\$ 363.00

Salvage Drums and Overpacks, UN certified

DENIOS offers a complete range of DOT compliant Salvage Drums to meet a variety of waste containment and transport requirements.

- Wide opening for comfortably use
- High Density Polyethylene with UV inhibitors provides long life
- Resistant against many hazardous materials and also against aggressive chemicals like acids and alkalis
- Stackable when not in use
- Comes in high-viz yellow



Salvage Drums and Overpack are available with volumes up to 600 gallon

Mobile Salvage Drums are available as 50 and 95 gallon model

Salvage Drums and Overpacks, UN certified, 95 Gallon

Capacity [gal]	20	30	65	95	110	50	95	95	180	600
	Salvage Drum					Salvage Drum, wheeled		Salvage Drum, lockable	Overpack	
UN Code	UN 1H2/X75/S, UN 1H2/Y100/S	UN 1H2/X100/S	UN 1H2/X200/S	UN 1H2/X295/S	UN 1H2/X295/S	UN 1H2/X125/S	UN 1H2/X113/S	UN 1H2/X295/S	-	-
External Dimensions Dia x H [in]	22.3 x 19	22.3 x 30.5	27.8 x 16.8	31.5 x 40	31.5 x 45	24 x 46	31.4 x 47.5	32 x 44	40.3 x 57	71 x 69
Shipping Weight [lbs]	10	13	47	47	49	47	56	56	102	225
Order number	M76-1029-U0	M76-1031-U0	M76-1034-U0	M76-1037-U0	M76-1039-U0	M76-1032-U0	M76-1027-U0	M76-1025-U0	M76-1040-U0	M76-1041-U0
Price / Item(s)	\$ 89.00	\$ 105.00	\$ 263.00	\$ 276.00	\$ 373.00	\$ 368.00	\$ 289.00	\$ 271.00	\$ 944.00	\$ 2,394.00

FM-Approved Oily Waste Cans

Prevent Fire Hazards and spontaneous combustion by disposing solvent laden refuse, rags, or other materials in segregated Waste Containers.

- Clean fire protection solution for your workplace
- Meets OSHA and NFPA Code 30
- Rigid stainless steel design
- Foot lever operated
- Bottom ventilation prevents heat build-up
- Leak-proof welded cans avoids leaking of residual liquids
- Self-closing lids reduce fume migration and cut off oxygen supply to the stored materials
- Significant noise reduction due to damped lid mechanism
- Big ergonomically handle at the back serves for easy emptying of the Oily Waste Can
- Choose between rust-free stainless steel or steel with a baked on red warning finish

from \$ 89.00



Oily waste container made of red painted steel, with self-closing lid and floor ventilation



The self-closing lid prevents the content from igniting, e.g. by flying sparks



Significant noise reduction due to damped lid mechanism



The ergonomic handle makes it easy and safe to empty the container



Each disposal container is delivered with a multilingual safety label.



Capacity	5.3 gal	9.2 gal	13.2 gal	17.1 gal
External Dimensions W x D x H [in]	15.1 x 15.2 x 16.9	17.3 x 17.7 x 19.3	19.5 x 19.9 x 21.3	21.1 x 21.5 x 22.9
Shipping Weight [lbs]	14	16	18	21
Order number Steel	M72-1869-U0	M72-1875-U0	M72-1877-U0	M72-1881-U0
Price / Each	\$ 89.00	\$ 114.00	\$ 119.00	\$ 179.00
Order number Stainless Steel	M72-1870-U0	M72-1876-U0	M72-1878-U0	M72-1882-U0
Price / Each	\$ 139.00	\$ 186.00	\$ 226.00	\$ 288.00

Automatic Drum Cover
With Fusible Link

- Turn ordinary drums into fire-safe waste collection centers
- Spring-loaded cover slams shut in case of fire
- Durable steel construction with powder-coat finish
- Excellent chemical resistance
- Attaches easily requiring only a screw driver and a wrench



55 Gallon,
Order no. M72-7170-U0,
\$ 207.00

	30-Gallon - Self-Closing	55-Gallon - Self-Closing
External Diameter [in]	19	23
Shipping Weight [lbs]	14	17
Order number	M72-7150-U0	M72-7170-U0
Price / Each	\$ 215.00	\$ 200.00



30 Gallon, Order no. M72-7150-U0, \$ 255.00

Waste Disposal Tops

- Convert empty drums into waste recycling, general or disposal containers
- Spring-loaded doors close automatically to prevent bugs and bees from entering
- Fits standard steel drum
- Secures to drum top with set screws
- Powder coat finish
- Choose between a steel and a fiber glass version, each available in different colors

from \$ 129.00



	Single Door Waste Disposal Top for Drums				Double Door Waste Disposal Top for Drums			
Color	Black	Green	Red	Gray	Red	Green	Black	Gray
External Dimensions Dia x H [in]	24.5 x 10.75	24.5 x 10.75	24.5 x 10.75	24.5 x 10.75	24.5 x 10.75	24.5 x 10.75	24.5 x 10.75	24.5 x 10.75
Shipping Weight [lbs]	25	8	8	8	8	8	8	8
Order number*	M75-0313-U0	M75-1313-U0	M75-1314-U0	M75-1315-U0	M75-1319-U0	M75-1320-U0	M75-1321-U0	M75-1322-U0
Price / Each	\$ 92.00	\$ 92.00	\$ 92.00	\$ 97.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 126.00

*Some models also available in Fiberglass

Scrapers

- Excellent solution for your scraping needs
- These tools are a great alternative to stainless steel
- Durable, lightweight construction will not rust or corrode



4" Large Scraper - Sparkless

Version	3" Scraper		4" Scraper	
	Sparkless	Metal Detectable	Sparkless	Metal Detectable
External Dimensions W x D x H [in]	3.0 x 0.8 x 7.8	3 x 1 x 9	4.3 x 0.9 x 9.2	5 x 1 x 10
Order number Green	M28-5115-U0	M74-0136-U0	M28-5116-U0	M74-0140-U0
Order number Blue	—	M74-0137-U0	—	M74-0141-U0
Order number Red	—	M74-0138-U0	—	M74-0142-U0
Order number White	—	M74-0139-U0	—	M74-0143-U0
Price / Item(s)	\$ 7.00	\$ 12.00	\$ 9.00	\$ 16.00



3" Scraper, Metal Detectable, available in 4 colors

Bench Scrapers

- Excellent solution for your bench top scraping needs
- These tools are a great alternative to stainless steel
- Durable, lightweight construction will not rust or corrode

Version	Mini Bench Scraper	Bench Scraper
	Metal Detectable	Metal Detectable
External Dimensions W x D x H [in]	5.3 x 0.9 x 3.4	8.3 x 0.9 x 5.2
Order number Blue	M74-0129-U0	M74-0121-U0
Order number Green	M74-0128-U0	M74-0120-U0
Order number Red	M74-0130-U0	M74-0122-U0
Order number White	M74-0131-U0	M74-0123-U0
Price / Item(s)	\$ 8.00	\$ 34.00



5" Mini Bench Scraper, Metal Detectable, available in 4 colors



8" Bench Scraper, Metal Detectable, available in 4 colors

Scoops

- These tools are a great alternative to stainless steel
- Durable, lightweight construction will not rust or corrode

Version	32 oz. Scoop		82 oz. Scoop	
	Sparkless	Metal Detectable	Sparkless	Metal Detectable
External Dimensions W x D x H [in]	4.3 x 11.5 x 3	4.3 x 11.5 x 3	5.9 x 15.1 x 3.3	5.9 x 15.1 x 3.3
Order number Green	M28-5113-U0	M74-0152-U0	M28-5114-U0	M74-0124-U0
Order number Blue	—	M74-0153-U0	—	M74-0125-U0
Order number Red	—	M74-0154-U0	—	M74-0126-U0
Order number White	—	M74-0155-U0	—	M74-0127-U0
Price / Item(s)	\$ 7.00	\$ 33.00	\$ 8.00	\$ 47.00



Scoops, Metal Detectable, choose between different models and 4 colors

Paddles

- This two-in-one tool is handy for both mixing and scraping
- One-piece construction and the unique long-handle design make it easy to use for many jobs
- These tools are a great alternative to stainless steel

Version	52" Paddle
	Metal Detectable
External Dimensions W x D x H [in]	6 x 2 x 52
Order number Blue	M74-0133-U0
Order number Green	M74-0132-U0
Order number Red	M74-0134-U0
Order number White	M74-0135-U0
Price / Item(s)	\$ 187.00



Showers, choose between different models and colors

Shovels

- One-piece polypropylene shovels are tough, lightweight and hygienic, molded from FDA-compliant polypropylene,
- A workhorse for moving bulk materials and an integral part of any professional cross-contamination containment, food safety or HACCP program
- These shovels are popular for meat, dairy, seafood, and poultry processing, as well as commercial fishing and other food handling applications
- These tools are a great alternative to stainless steel
- Metal detectability - employs semi-ferrous additive
- Choose between different colors and Sparkless or Detectable versions

	10" Shovel		14" Shovel	
Version	Sparkless	Metal Detectable	Sparkless	Metal Detectable
External Dimensions W x D x H [in]	10.2 x 5.5 x 37.5	10.2 x 5.9 x 37.5	13.8 x 6.6 x 42.5	13.8 x 6.9 x 42.5
Order number Green	M28-5110-U0	M74-0144-U0	M28-5111-U0	M74-0148-U0
Order number Blue	—	M74-0145-U0	—	M74-0149-U0
Order number Red	—	M74-0146-U0	—	M74-0150-U0
Order number White	—	M74-0147-U0	—	M74-0151-U0
Price / Item(s)	\$ 73.00	\$ 179.00	\$ 79.00	\$ 243.00



10" Shovel

14" Shovel

Cleaning Tools

Handles

- Hazmat handles are an essential element of a low-cost, total solution to chemical clean-up tasks
- Stiff but lightweight, they feature honeycomb construction with smooth, chemically resistant gel-coat surfaces.



Brooms

- Heavy duty broom have long, thick bristles, which makes it ideal for sweeping heavy debris
- This brush is also suitable for use in wet and external area
- Treated with anti-static agent for added safety when working around flammable materials



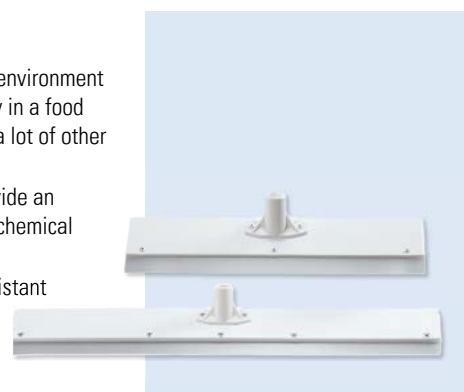
Tank Brushes

- Provides soft, polypropylene bristles
- Treated with anti-static agent for added safety when working around flammable materials



Squeegees

- Maintaining a sanitary environment is an absolute necessity in a food processing facility and a lot of other industries
- Hazmat squeegees provide an economical solution to chemical clean-up problems
- Made of chemically resistant polyethylene



	Handle				Squeegee				Broom			Poly Tank Brush
Model	28" - 47"	61"	82" - 141"	82" - 141"	18" Straight	23.6" Straight	30" Straight	28" Curved	12" - Stiff Bristle	16" - Stiff Bristle	19" - Stiff Bristle	Soft Bristle
Order number	M28-5120-U0	M28-5123-U0	M28-5121-U0	M28-5122-U0	M28-5118-U0	M28-5125-U0	M28-5124-U0	M28-5117-U0	M28-5128-U0	M28-5129-U0	M28-5127-U0	M28-5130-U0
Price / Item(s)	\$ 54.00	\$ 33.00	\$ 110.00	\$ 125.00	\$ 39.00	\$ 233.00	\$ 48.00	\$ 61.00	\$ 73.00	\$ 56.00	\$ 88.00	\$ 46.00

Chip Vac System

Great for cleaning wet or dry chips from fixtures, machines, parts, and work areas. Available in 5, 30, 55, and 110 gallon capacities.

- Include drum and drum dolly
- Come with heavy duty, metal tools for added durability
- No electricity required, all systems operate on compressed air
- Warning: Do not use with any material with a low flash point or with flammable liquids such as fuel oil, alcohol, mineral spirits, gasolines, or kerosenes
- Meets OSHA noise and pressure requirements



from \$ 828.00

Capacity [gal]	5	30	55	110
Shipping Dimensions L x W x H [in]	12 x 22 x 22	21 x 35 x 21	41 x 25 x 25	51 x 48 x 42
Weight [lbs]	39	121	160	220
Order number	M28-5260-U0	M28-5261-U0	M28-5262-U0	M28-5264-U0
Price / Item(s)	\$ 828.00	\$ 1,570.00	\$ 1,586.00	\$ 2,322.00

Chip Trapper System

Separates chips and shavings from used coolant or other liquids. Great for cleaning out sumps, parts washers, tanks, and storage containers. Available in 30, 55, and 110 gallon capacities.

- Removes unwanted solids from liquids
- Recycles coolants
- No motors to clog or wear out
- Self priming stainless steel pump
- Built-in pressure/vacuum relief
- Spill free - auto safety shut off



Capacity [gal]	30	55	110
Shipping Dimensions L x W x H [in]	21 x 35 x 21	41 x 25 x 25	51 x 48 x 42
Weight [lbs]	121	180	220
Order number	M28-5265-U0	M28-5267-U0	M28-5269-U0
Price / Item(s)	\$ 1,591.00	\$ 1,609.00	\$ 2,344.00

Reversible Drum Vac System

Fills and then can deposit into drums/containers recovered liquids.
Great for spill recovery of chemicals or emptying of coolant sumps.

- Fills a 55-gallon drum in less than 2 minutes
- Uses no electricity
- No moving parts, assuring maintenance free operation
- CE Certified



from \$ 958.00

Capacity [gal]	5	30	55	110
Shipping Dimensions L x W x H [in]	12 x 22 x 22	5.5 x 26 x 8	5.5 x 26 x 8	49 x 48 x 42
Weight [lbs]	49	48	64	196
Order number	M28-5208-U0	M28-5209-U0	M28-5210-U0	M28-5211-U0
Price / Item(s)	\$ 958.00	\$ 1,268.00	\$ 1,084.00	\$ 1,727.00

Heavy Duty Vac System

High powered, heavy duty vacuum outperforms conventional models.
Great for cleaning abrasives like steel shot, sand, garnet, and metal chips. Available in 30, 55, and 110 gallon capacities.

- Hardened construction resists wear
- No moving parts - maintenance free
- No motors to wear out or clog
- No electricity needed
- Static resistant hose
- CE Certified



Capacity [gal]	30	55	110
Shipping Dimensions L x W x H [in]	21 x 35 x 21	24 x 41 x 24	51 x 48 x 42
Weight [lbs]	121	35	220
Order number	M28-5270-U0	M28-5272-U0	M28-5274-U0
Price / Item(s)	\$ 2,054.00	\$ 2,056.00	\$ 2,792.00

STOPOUT® Lockout Kits

All your lockout needs are contained in a kit, making it convenient, easily accessible and portable. Kits contain a variety of lockout devices and accessories for shutting down equipment and machinery before conducting maintenance or repairs.

Choose from several kits to help you solve your lockout situations and provide the necessary equipment to help you comply with OSHA safety lockout requirements. Durable, rugged polyethylene boxes have carry handles and room for you to add more components to customize your kits.

Pouch Kit

- Portable pouch provides on-the-spot lockouts in remote locations, immediately and easily
- Contoured pouch is red nylon 11-inch W x 5-inch H x 3-inch D with front zipper, adjustable waist strap and buckle clip

Contents:

- 1 - Lockout Scissor Hasps, 1 1/2" opening
- 2 - Steel Padlock, 3/4" shackle
- 10 - HS-Laminate Lockout Tags
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 1 - STOPOUT® Universal Wall Switch Lockout



Pouch Kit, Order no. M74-2102-U0, \$ 123.00

Standard Lockout Kit

- Lockout box is manufactured using a strong and durable polyethylene material
- Durable, rugged polyethylene boxes have a carry handle and room for you to add more components to customize your kits

Contents:

- 1 - Lockout Box, Plastic, 18"L x 6 1/2"W x 4 3/4"H
- 2 - Lockout Scissor Hasps, 1" opening
- 1 - STOPOUT® Aluma-Tag™ Hasp, 1 1/2" opening
- 3 - Steel Padlocks (keyed differently), 3/4" shackle
- 50 - Labels for Padlocks
- 25 - HS-Laminate Lockout Tags
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 1 - STOPOUT® StopPlug™ Multi-Plug Lockout



Standard Lockout Kit, Order no. M74-2101-U0, \$ 192.00

Standard PLUS Lockout Kit

- Similar to our standard kit but features more STOPOUT® valve lockouts and comes with an additional 3 1/2" x 5" magnetic label; DANGER: EQUIPMENT LOCKED OUT, DO NOT REMOVE LOCKS
- Comes in a durable plastic box made to withstand the daily wear and tear of a work environment

Contents:

- 1 - Lockout Box, Plastic, 18"L x 6 1/2"W x 4 3/4"H
- 2 - Lockout Scissor Hasps, 1" opening
- 1 - STOPOUT® Aluma-Tag™ Hasp, 1 1/2" opening
- 1 - Lockout Box, Plastic, 16"L x 8 3/8"W x 8"H
- 2 - Lockout Scissor Hasps, 1" opening
- 1 - STOPOUT® Aluma-Tag™ Hasp, 1 1/2" opening
- 6 - Steel Padlocks (keyed differently), 3/4" shackle
- 50 - Labels for Padlocks
- 25 - HS-Laminate Lockout Tags
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 1 - STOPOUT® Ball Valve Lockout, 3/8" - 1 1/4" Valve
- 1 - STOPOUT® Ball Valve Lockout, 1 1/2" - 2" Valve
- 1 - STOPOUT® Gate Valve Lockout, 1" - 2 1/2" Handle
- 1 - STOPOUT® Gate Valve Lockout, 2 1/2" - 5" Handle
- 1 - Magnetic Label, 3 1/2" x 5", DANGER EQUIPMENT LOCKED OUT DO NOT REMOVE LOCKS



Standard PLUS Lockout Kit, Order no. M74-2105-U0, \$ 355.00

Deluxe Lockout Kit

- Deluxe kit features many items not included in other kits and is easily transportable
- Features a training booklet to instruct workers on how to properly use each item in the kit
- Comes with 6 padlocks, 3 with a 3/4 inch shackle and the other 3 with 1 1/2 inch shackle



Deluxe Lockout Kit, Order no. M74-2103-U0, \$ 400.00

Deluxe PLUS Lockout Kit

- Similar to our Lockout Kit "Deluxe" but features much more items for additional safety



Deluxe PLUS Lockout Kit, Order no. M74-0950-U0, \$ 555.00

Ultimate Lockout Kit

- Over 200+ items are included in this particular kit



Ultimate Lockout Kit, Order no. M74-2104-U0, \$ 622.00



Lockout Tagout is a top OSHA violation.

Contents:

- 1 - Lockout Box, Plastic, 19"L x 9 1/2"W x 9 1/2"H
- 2 - Lockout Scissor Hasps, 1" opening
- 2 - Lockout Scissor Hasps, 1 1/2" opening
- 2 - STOPOUT® Aluma-Tag™ Hasps, 1 1/2" opening
- 3 - Steel Padlocks (keyed differently), 3/4" shackle
- 3 - Steel Padlocks (keyed differently), 1 1/2" shackle
- 100 - Labels for Padlocks
- 50 - HS-Laminate Lockout Tags
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 2 - STOPOUT® Universal Wall Switch Lockouts
- 1 - STOPOUT® StopPlug™ Multi-Plug Lockout
- 1 - STOPOUT® StopPlug™ 110 VAC Plug Lockout
- 1 - AC Voltage Sensor
- 1 - Training Booklet

Contents:

- 1 - Lockout Box, Plastic, 19"L x 9 1/2"W x 9 1/2"H
- 2 - Lockout Scissor Hasps, 1" opening
- 2 - Lockout Scissor Hasps, 1 1/2" opening
- 2 - STOPOUT® Aluma-Tag™ Hasps, 1 1/2" opening
- 6 - Steel Padlocks (keyed differently), 3/4" shackle
- 6 - Steel Padlocks (keyed differently), 1 1/2" shackle
- 100 - Labels for Padlocks
- 50 - HS-Laminate Lockout Tags
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 2 - STOPOUT® Universal Wall Switch Lockouts
- 1 - STOPOUT® StopPlug™ Multi-Plug Lockout
- 1 - STOPOUT® StopPlug™ 110 VAC Plug Lockout
- 1 - STOPOUT® Ball Valve Lockout, 3/8" – 1 1/4" Valve
- 1 - STOPOUT® Ball Valve Lockout, 1 1/2" – 2" Valve
- 1 - STOPOUT® Gate Valve Lockout, 1" – 2 1/2" Handle
- 1 - STOPOUT® Gate Valve Lockout, 2 1/2" – 5" Handle
- 1 - STOPOUT® Gate Valve Lockout, 5" – 6 1/2" Handle
- 1 - STOPOUT® Cinch Cable Lockout
- 1 - Training Booklet
- 1 - Magnetic Label, 3 1/2" x 5", DANGER EQUIPMENT LOCKED OUT DO NOT REMOVE LOCKS

Contents:

- 1 - Lockout Box, Plastic, 19"L x 9 1/2"W x 9 1/2"H
- 2 - Lockout Scissor Hasps, 1" opening
- 2 - Lockout Scissor Hasps, 1 1/2" opening
- 2 - STOPOUT® Aluma-Tag™ Hasps, 1 1/2" opening
- 6 - Steel Padlocks (keyed differently), 3/4" shackle
- 6 - Steel Padlocks (keyed differently), 1 1/2" shackle
- 100 - Labels for Padlocks
- 50 - HS-Laminate Lockout Tags
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 2 - STOPOUT® Universal Wall Switch Lockouts
- 1 - STOPOUT® StopPlug™ Multi-Plug Lockout
- 1 - STOPOUT® StopPlug™ 110 VAC Plug Lockout
- 1 - AC Voltage Sensor
- 2 - STOPOUT® Ball Valve Lockouts, 3/8" – 1 1/4" Valve
- 2 - STOPOUT® Ball Valve Lockouts, 1 1/2" – 2" Valve
- 2 - STOPOUT® Gate Valve Lockouts, 1" – 2 1/2" Handle
- 2 - STOPOUT® Gate Valve Lockouts, 2 1/2" – 5" Handle
- 1 - Training Booklet
- 1 - Magnetic Label, 3 1/2" x 5", DANGER EQUIPMENT LOCKED OUT DO NOT REMOVE LOCKS



Electrical Panel Lockout Kits

- Constructed of sturdy, non-conductive material and installs in seconds
- Be able to lock out entire circuit breaker panels with this lockout device
- Telescoping lockout bar attaches to breaker box cover screws
- Prevents removal of breaker box cover or opening of the panel box
- For use on 14"-20" inch wide breaker boxes

Contents:

- 1 Panel Lockout Bar
- 1 Brass Padlock (3" clearance and 1.5" body height)
- 3 Keys (specify keyed alike or keyed differently part number)
- 1 Lockout Tag

	Order number	Price / Item(s)
Electrical Panel Lockout (Standard) Kit	M74-2082-U0	\$ 64.00
Lockout Clips, to fasten Panels / Pair	M74-2085-U0	\$ 17.00
6" Extension, telescoping Lockout Bar	M74-2083-U0	\$ 20.00
11" Extension, telescoping Lockout Bar	M74-2084-U0	\$ 22.00

Lockout Tagout Center

- Store and transport your lockout devices in an industrial strength cabinet
- Lockout / Tagout products are conveniently placed on shelves inside the cabinet
- Side hinge door has lockable clasp for added security
- All-steel cabinet with two adjustable shelves is powdercoated for durable, scratch-resistant finish - measures 16 1/4" x 15" x 5 1/2"



Contents:

- 1 - Cabinet, Steel, 16 - 1/4"H x 15"W x 5 1/2"D
- 1 - Lockout Scissor Hasp, 1" opening
- 1 - Lockout Scissor Hasp, 1 1/2" opening
- 1 - STOPOUT® Aluma-Tag™ Hasp, 1 1/2" opening
- 3 - Steel Padlocks (keyed differently), 3/4" shackle
- 3 - Steel Padlocks (keyed differently), 1 1/2" shackle
- 25 - HS-Laminate Lockout Tags
- 25 - Plastic Ties
- 2 - STOPOUT® Circuit Breaker Lockouts
- 25 - STOPOUT® Circuit Breaker Lockout Tab Tags
- 2 - STOPOUT® Gate Valve Lockouts, 1" - 2 1/2" Handle
- 2 - STOPOUT® Gate Valve Lockouts, 2 1/2" - 5" Handle
- 1 - STOPOUT® StopPlug™ Multi-Plug Lockout
- 1 - STOPOUT® StopPlug™ 110 Plug Lockout

Lockout Tagout Center, Order no. M74-0953-U0, \$ 425.00

Lockout Tagout Kit

- All your lockout needs are contained in convenient and easily accessible kit
- Order as a full kit for all your needs, or order just the box to help keep your existing products organized
- 6 1/2" x 9 3/16" case is weather resistant with a dual purpose handle that can be used to hang on the wall
- Kit contains most every lockout product needed to contribute to your safety needs



Contents:

- 2 - Steel Padlock, 3/4" shackle
- 2 - Aluma-Tag™ Hasps, 1 1/2" opening
- 2 - Circuit Breaker Lockouts
- 25 - Circuit Breaker Lockout Tab Tags
- 10 - HS-Laminate Lockout Tags
- 1 - StopPlug™ 110 Plug Lockout
- 1 - Training Booklet
- 1 - Magnetic Label 3 1/2" x 5"; DANGER: EQUIPMENT LOCKED

Lockout Tagout Kit, Order no. M74-2106-U0, \$ 149.00

Gate Valve Lockouts

Rugged, hinged clamshell housing fully encloses valve handles and prevents unauthorized access.

- Prevents valve handles from being turned and keeps them in their position prior to lockout
- A unique pry guard, prevents the ability to insert a screwdriver in between the halves to pry them apart
- In the center, a thinner area allows for easy drill through and attachment on rising stem gate valves
- Comes with eye-catching safety label with red diagonal hazard stripes and space to write in pertinent lockout information
- Secures with padlocks (sold separately); shackle diameter up to 9/32"
- Red octagon shape reinforces lockout status and conveys STOP
- Available to fit five sizes of valve handle diameters



Available in 5 sizes

Gate Valve Lockouts					
Valve Handle Diameter	1" – 2 1/2"	2 1/2" – 5"	5" – 6 1/2"	6 1/2" – 10"	10" – 13"
Size	3" x 1"	5 1/2" x 2"	7" x 2"	10 1/2" x 3"	13" x 3 1/2"
Order number	M74-2058-U0	M74-2059-U0	M74-2060-U0	M74-2061-U0	M74-2062-U0
Price / Item(s)	\$ 11.00	\$ 17.00	\$ 24.00	\$ 30.00	\$ 47.00

Ball Valve Lockouts

- Ball valve lockouts serve to prevent valves from being turned on accidentally
- Uniquely rectangular shape to encourage one to take notice
- Can attach and lockout handle either perpendicular or parallel
- Secure with padlock (sold separately)
- Quickly and simply secure over any closed ball valve handle
- Red octagon shape reinforces lockout status and conveys STOP
- Durable plastic resists solvents, cracking, abrasion and extreme temperatures



Ball Valve Lockouts Size 3/8" - 1 1/4", Order no. M74-2056-U0, \$ 16.00

Ball Valve Lockouts Size 1 1/2" - 2", Order no. M74-2057-U0, \$ 26.00

Laminated Steel Padlocks

Durable security device features hardened steel shackles and laminated steel construction.

- Heavy-duty lock utilizes special coating for corrosion resistance
- 5-pin tumbler, drilling and pulling protected
- Available in eight different rubber bumper colors
- Lock measures in 1/4" shackle diameter and 13/16" apart steel shackle



Padlock, Red, Shackle Clearance Height: 3/4"



Available in 8 colors.



Choose from 3 different sizes.

Differently Keyed Laminated Steel Padlocks			
Shackle Clearance Height	3/4"	1 1/2"	2"
Order number* Red	M74-2200-U0	M74-2210-U0	M74-2220-U0
Order number* Green	M74-2201-U0	M74-2211-U0	M74-2221-U0
Order number* Yellow	M74-2202-U0	M74-2212-U0	M74-2222-U0
Order number* White	M74-2203-U0	M74-2213-U0	M74-2223-U0
Order number* Black	M74-2204-U0	M74-2214-U0	M74-2224-U0
Order number* Blue	M74-2205-U0	M74-2215-U0	M74-2225-U0
Order number* Orange	M74-2206-U0	M74-2216-U0	M74-2226-U0
Order number* Purple	M74-2207-U0	M74-2217-U0	M74-2227-U0
Price / Item(s)	\$ 11.00	\$ 12.00	\$ 14.00

*Keyed alike and Master keyed options available online



Aluma-Tag™ Hasps

These devices provide the ideal solution when procedures require multiple workers on locked-out equipment. Workers can be assigned a padlock (sold separately) with shackle diameter up to 9/32" to attach to the hasp before starting their task. Ensure the energy source stays locked out — with multiple workers' padlocks in the holes of the closed hasp. Once each worker completes their task, they remove their padlock. The hasp cannot be removed until the last padlock is removed.

- Lock out more equipment with the large reach hasp made to withstand tough environments
- Traditional OSHA-style signs, tags and labels are the most widely recognized design format in the industry
- Comes with bright contrasting red/white/black lockout hazard message labels on both sides - which allows space for writing in necessary information
- Scissor-style hasp comprised of two high-strength .090 aluminum pieces
- Features six eyelets to hold up to six padlocks
- Crossover jaw ends prevent prying and tampering
- Get true 1 1/2" round reach with the full jaw opening
- Red octagon shape reinforces lockout status and conveys STOP

	Aluma-Tag™ Hasps		
Version	LOCKED OUT - DO NOT OPERATE	DO NOT OPERATE	DO NOT START
Size	7"H x 2 3/4"W		
Order number	M74-0952-U0	M74-0956-U0	M74-2054-U0
Price / Item(s)	\$ 20.00	\$ 20.00	\$ 20.00



Double Cross Aluma-Tag™ Hasps

Lock out equipment with large reach, pry-resistant hasps

- Two red anodized, .090" aluminum plates make up this high-strength, versatile hasp
- Double-crossed, octagon-shaped jaws are offset to cross over one another when closed, preventing the hasp from being easily pried apart
- Openings provide optimal reach: 1 3/4" diameter on one end, 3/4" on the other
- Measures 7"H x 3 1/8"W (2 3/4" in the body) with hazard message labels on both sides
- Red octagon shape reinforces lockout status and conveys STOP

	Double-Cross Aluma-Tag™ Hasps	
Version	LOCKED OUT - DO NOT OPERATE	DO NOT OPERATE
Size	7"H x 3 1/8"W (2 3/4" in the body)	
Order number	M74-0954-U0	M74-0955-U0
Price / Item(s)	\$ 22.00	\$ 22.00



Gas Cylinder Lockout Caps

- This cylinder cap was designed to fit universally on all high and low pressure gas systems
- Snap Cap™ completely covers main cylinder control and regulator attachment
- Snap down side arm and secure device with padlock (included)
- Yellow powder-coated, welded steel construction
- Meets DOT standards
- 6 1/2" x 3 1/8" x 11" UN

	Gas Cylinder Lockout Caps			
Version	High Pressure		Low Pressure	
Fits to	Fine Thread	Coarse Thread	Fine Thread	Coarse Thread
Order number	M74-2064-U0	M74-2065-U0	M74-2066-U0	M74-2067-U0
Price / Item(s)	\$ 159.00	\$ 159.00	\$ 159.00	\$ 159.00

Handling and storage solutions for gas cylinders see page

See page
140-141



Twist 'N Lock Cynch Lockout Hasps

Run the cable through various devices; then, with a quick twist of the hasp, cinch the cable to prevent unauthorized access.

- Easy-to-use cable and cinch lockout hasp solution
- Polycarbonate, compact hasp comprised of two 3" dia. x 1 1/2" thick rotating halves with red plastic-coated steel cable
- Visible red octagon shape reinforces the lockout situation
- To use, insert the cable through the devices to lock out; then pull the cable taut
- Short 15° turn of the hasp halves tightens down and cinches the cable in place
- Pin pops up to hold the device in the secured position and lines up the four padlock holes
- Place lockout tag and up to four padlocks (available separately) in the open holes to secure in place

Size	Order number	Price / Item(s)
Hasp with 3-ft. cable	M74-0957-U0	\$ 17.00
Hasp with 6-ft. cable	M74-0958-U0	\$ 23.00
Hasp with 9-ft. cable	M74-0959-U0	\$ 26.00
Hasp with 12-ft. cable	M74-0960-U0	\$ 29.00



Twist 'n Lock Cynch Lockout Hasps



Scissor-Lok™ Cable-Hasps

Use to loop and lock out multiple electrical boxes, switch handles, and much more. The vinyl-coated steel cable loops through switch handle holes, hand wheel spokes, or any other handle openings on equipment to be locked out.

- Vinyl-coated steel cable loops help securely loops with the lockout hasp
- Able to accommodate 3 padlocks at once
- Compact, scissor-style, nylon plastic hasp closes to 1" x 4 1/2" x 5/8"

Scissor-Lok Cable-Hasps		
Cable Length	3 ft	10 ft
Order number Red	M74-2050-U0	M74-2051-U0
Price / Item(s)	\$ 25.00	\$ 31.00
Order number Yellow	M74-2052-U0	M74-2053-U0
Price / Item(s)	\$ 25.00	\$ 31.00



Cable-Hasp, yellow,
Order no. M74-2052-U0, \$ 25.00



Cable-Hasp, red,
Order no. M74-2050-U0, \$ 25.00

Tag 'N Hang Hasp

Change out, insert, and secure a tag for each lockout situation with the Tag 'n Hang Hasp

- 5 1/4-in x 3-in hasp fits in the palm of the hand
- Lightweight, all-dielectric plastic design
- Stop-shaped octagon front panel contains changeable Tab Tag (sold separately below)
- Hasp hangs by the 1 3/8" x 2 3/4" closed oval loop
- Secures with up to three padlocks (sold separately)



\$ 8.00

Order no. M74-0965-U0





Multi-Power Electrical Plug Lockout Box,
Order no. M74-2077-U0, \$ 30.00

Multi-Power Electrical Plug Lockout Box

- Make maintenance and repairs safer with this quick and easy to deploy lockout device
- Sized to contain and isolate the large connector head of an industrial battery connector
- Various openings can lockout propane connector, valve end, electrical plug, 12-volt battery end, and gas cylinder head
- Lockout a wide variety of machine and energy sources
- 6 1/4" x 3 3/8" x 2 1/2" with a hinged red plastic case with 1/2" flange for four 5/16" hole openings to secure by padlocks (sold separately)

StopPlugs™

- Insert plug, close, and secure with padlock (sold separately – shackle diameter up to 9/32")
- Tamper-proof, pry-guard edge design
- Red octagon shape reinforces lockout status and conveys STOP
- Multi-Plug Lockout fits most 110, 220, 550, or 600 VAC plugs
- 110 Plug Lockout fits most 110 VAC plugs

Model	110 VAC Plug Lockout	Multi-Plug Lockout
External Dimensions (vent hoods included) W x D x H [in]	3.5 x 2.25 x 2.25	6 x 3 x 3
Order number	M74-2076-U0	M74-2075-U0
Price / Item(s)	\$ 12.00	\$ 14.00
Accessories Warning Label, English, French, Spanish		
Order number	M74-2079-U0	M74-2078-U0
Price / Item(s)	\$ 8.00	\$ 8.00



Blind Flange Lockout

Effectively lockout and prevent unintentional pipe blind removal during maintenance. The adjustable Blind Flange Lockout fully conceals flange bolts, eliminating the opportunity to remove ALL bolts and prevent removal of blind.

- Constructed of durable, high-impact plastic to withstand harsh environments
- Ideal for use in temperature of -4°F to 140°F
- Maximum shackle diameter 9/32"
- Adjustable device provides a tight fit



Model	Small	Medium	Large
Class 150 Nut Diameter	.62" - .88"	.75" - .88"	1"
Class 150 Pipe Diameter	.5", .75", 1.0", 1.25", and 1.5"	2.0", 2.5", 3.0", 3.5" 4.0", 5.0", 6.0", and 8.0"	10" and 12"
Class 300 Nut Diameter	.62" - .88"	.75" - 1.0"	1"
Class 300 Pipe Diameter	.5", .75", 1.0", and 1.25"	2.0", 2.5", 3.0", 3.5" 4.0", 5.0", and 6.0"	8.0"
Pipe Flange Width Range	1-1/2" - 5-5/8"	3-3/4" - 10-3/4"	7-3/4" - 17-7/8"
Order number	M74-2068-U0	M74-2069-U0	M74-2070-U0
Price / Item(s)	\$ 32.00	\$ 36.00	\$ 51.00

Transparent Gate Valve Lockouts

Transparent Gate Valve Lockout allows for visual inspection of the valve position and condition without having to remove the lockout device.

- Constructed of rugged injection-molded plastic for superior impact and chemical resistance
- Knockout center fits Outside Stem & Yoke (OS&Y) or rising stem valves
- Secure with padlocks or hasp (sold separately); shackle size up to 3/8" in diameter
- Service Temperature Range -400° F to 302° F



Compatibility	1" - 2 1/2"	2 1/2" - 5"	5" - 6 1/2"	8 1/2" x 10"
Order number	M74-2071-U0	M74-2072-U0	M74-2073-U0	M74-2074-U0
Price / Item(s)	\$ 17.00	\$ 29.00	\$ 36.00	\$ 47.00

Cynch Cable Lockouts

Universally spooled cable capable of locking out multiple devices at one time

- Unique hexagonal shape of the device conveys STOP
- Lockout contains internal cable spooling feature to quickly, simply and neatly extend and loop the 6-ft. nylon-coated, steel cable through several devices to lock them out
- When cable is cinched tight, device can then be secured with a padlock (sold separately)
- When the cable is pulled tight, it automatically holds
- Durable plastic cinching lockout device measures 3 1/3" x 4" x 1" and is the only standard size lockout device that will spool the cable all the way inside the device for easy storage
- When finished, spool the cable back inside the device for neat, easy storage



Cinch Lockout with 6-ft. cable	
Order number	M74-0961-U0
Price / Item(s)	\$ 38.00
Accessories	
Optional 15 ft. Cable	
Order number	M74-0962-U0
Price / Item(s)	\$ 20.00

Drum Lockouts

Secure standard 55 gallon metal and plastic storage drums around the lip seal. Prevent drum access, contamination, theft and mishandling during transportation.

- Secures around the "lip" by completely covering bung opening without removing the original seal plug
- Non-sparking, environmentally safe, zinc die-cast construction
- Never touches the chemical, and does not rust in moist conditions
- Accommodates up to 9/32" shackle padlock (sold separately) or security pin (not included)
- Available as a set - contains lockout devices for both openings of one standard metal or plastic 55 gallon drum



Lockout Set for Steel Drums, Order no. M74-2080-U0, \$ 71.00

Lockout Set for Plastic Drums, Order no. M74-2081-U0, \$ 71.00

Heavy-Duty Aluminum Big Pocket Lockout Board

- Center boards communicate the lockout safety message while storing lockout supplies
- The printed backboard sign is designed so that your padlocks, tags, and lockout devices are conveniently available and easily accessible
- Available in three languages

Language	English	French/English	Spanish/English
External Dimensions (vent hoods included) W x D x H [in]	24 x 4.5 x 30	24 x 4.5 x 30	24 x 4.5 x 30
Internal Dimensions W x D x H [in]	23 x 4 x 5.8	23 x 4 x 5.8	23 x 4 x 5.8
Order number - Board Only	M74-2098-U0	M74-2099-U0	M74-2100-U0
Price / Item(s)	\$ 141.00	\$ 141.00	\$ 141.00
Order number - Board with Kit	M74-2095-U0	M74-2096-U0	M74-2097-U0
Price / Item(s)	\$ 433.00	\$ 425.00	\$ 433.00



Order no. M74-2095-U0, \$ 433.00

Contents:

- 6 Steel Padlocks, 3/4" shackle
- 25 HS-Laminate Plastic Tags - Locked out Do Not Operate
- 25 Plastic Ties
- 2 STOPOUT® Aluma-Tag™ Tag Label Hasps
- 3 Standard Style Scissor Hasps, 1" opening
- 2 Standard Style Scissor Hasps, 1 1/2" opening
- 25 Lockout Safety Booklets



Order no. M74-2100-U0, \$ 141.00

Aluminum Lockout Boards

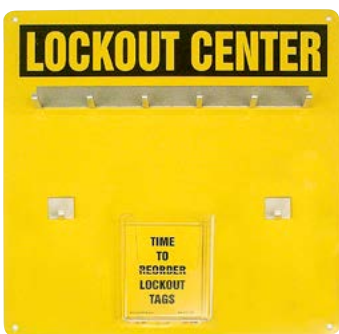
Durable aluminum boards are protected by Duck Armor™ and feature aluminum pronged hooks to hang padlocks and lockout hasps. Thick, molded, clear poly pocket measures 4 3/4"H x 3 5/8"W x 2"D to hold lockout tags. Designed for tough environments. Available in 6- and 12-padlock capacity sizes along with 1- and 2-pockets, respectively.

6-Padlock Board

- Organize lockout devices and tags with a 6-padlock lockout center
- Durable, aluminum 14" X 14" board has aluminum pronged hooks to hang padlocks and lockout hasps
- Thick molded, clear poly pocket measures 4 3/4" h x 3 5/8" w x 2" d to hold lockout tags
- Designed for tough environments

Contents:

6 steel Padlocks
10 Laminated Plastic Tags -
Locked out Do Not Operate
10 Plastic Ties
1 Standard Style Scissor Hasp,
1" opening
1 Standard Style Scissor Hasp,
1 1/2" opening



Order no. M74-2089-U0, \$ 63.00



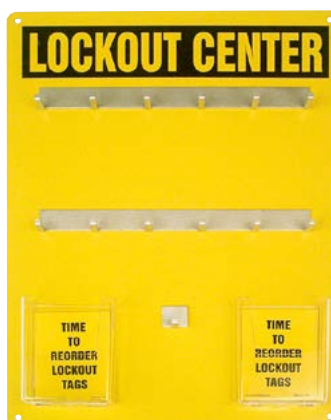
Order no. M74-2087-U0, \$ 193.00

12-Padlock Board

- With over 100+ items, this lockout center can handle all your safety needs
- Durable, aluminum 20" X 14" board has aluminum pronged hooks to hang padlocks and lockout hasps
- Thick molded, clear poly pocket measures 4 3/4" h x 3 5/8" w x 2" d to hold lockout tags
- Designed for tough environments

Contents:

6 steel Padlocks
10 Laminated Plastic Tags -
Locked out Do Not Operate
10 Plastic Ties
1 Standard Style Scissor Hasp,
1" opening
1 Standard Style Scissor Hasp,
1 1/2" opening



Order no. M74-2093-U0, \$ 73.00



Order no. M74-2091-U0, \$ 389.00

Language	ENGLISH	ENGLISH	FRENCH	FRENCH
Model	for 6 Padlocks	for 12 Padlocks	for 6 Padlocks	for 12 Padlocks
External Dimensions W x H [in]	14 x 14	20 x 14	14 x 14	20 x 14
Internal Dimensions W x D x H [in]	3.6 x 2.0 x 4.8	3.6 x 2.0 x 4.8	3.6 x 2.0 x 4.8	3.6 x 2.0 x 4.8
Order number - Board Only	M74-2089-U0	M74-2093-U0	M74-2090-U0	M74-2094-U0
Price / Item(s)	\$ 63.00	\$ 73.00	\$ 63.00	\$ 73.00
Order number - Board with Kit	M74-2087-U0	M74-2091-U0	M74-2088-U0	M74-2092-U0
Price / Item(s)	\$ 193.00	\$ 389.00	\$ 190.00	\$ 383.00

Lockout Boards

- 6-Padlock Lockout Store-Board™
- Visually identify lockout/tagout devices currently in use to help keep track of items
- A thick, molded, clear, poly pocket measures 4 3/4"
- Lockout/Tagout devices are shadowed on the storage center so workers can quickly identify that an item is in use or needs to be returned to the designated storage location



Lockout Boards,
Order no. M74-0951-U0, \$ 193.00

Contents:

6 - Steel Padlocks, 3/4" shackle
(keyed differently)
10 - HS-Laminate Lockout Tags
10 - Plastic Ties
1 - Scissor Hasp, 1" opening
1 - Scissor Hasp, 1 1/2" opening

Handheld Inspection Mirrors

- This mirror can conveniently be held in hand to inspect various equipment
- Ergonomic chrome arm adjusts from 25° to 30°
- Slip-resistant finger grip handle
- Glass mirror has a metal backer and ball swivel mount
- Ideal for maximum portability

from \$ 84.00



External Diameter [in]	6	8
Shipping Weight	5	5
Order number	M74-0970-U0	M74-0971-U0
Price / Item(s)	\$ 84.00	\$ 94.00

Inspection Mirrors

- Easily inspect under equipment, tanks, machinery, and vehicles
- Sturdy, wheeled glass mirrors make safety inspections simpler with effortless maneuvering
- Handle adjusts from 30° to 50° for a comfortable reach
- Available with either a convex mirror for wide-angle viewing to scan large areas quickly, or with a flat mirror for a more precise view and accurate depth perception
- Deluxe model is heavy duty for indoor or outdoor use and includes a flashlight

from \$ 149.00



Version	Convex	Flat
External Dimensions W x D [in]	12 x 12	12 x 12
Shipping Weight	11	11
Order number	M74-0981-U0	M74-0982-U0
Price / Item(s)	\$ 149.00	\$ 149.00

8" Convex Inspection Mirror

- 20 percent brighter than glass
- 35" angled handle with vinyl grip

\$ 50.00

Order no. M74-1105-U0



External Diameter [in]	8
Shipping Weight	7
Order number	M74-1105-U0
Price / Item(s)	\$ 50.00

Inspection Mirrors with Wheels and Light

- LED light mounted for upward exposure
- 50" angled handle with vinyl grip
- Deluxe Model for quality view and great mobility
- Articulated wheel assembly for easy directional adjustment

\$ 131.00

Order no. M74-1104-U0



External Diameter [in]	12
Shipping Weight	12
Order number	M74-1104-U0
Price / Item(s)	\$ 131.00

Half-Dome Acrylic Safety Mirrors - 180 degrees

- Improve visibility and safety with high-grade, optically sharp safety mirror
- Provides large viewing areas
- Comes with adjustable hardware
- Ideal for hallways, aisles, and docks

from \$ 52.00



	180 degrees Half-Dome		
External Diameter [in]	18	26	36
Shipping Weight	2	7	7
Order number	M74-0978-U0	M74-0979-U0	M74-0980-U0
Price / Item(s)	\$ 52.00	\$ 90.00	\$ 126.00

Half and Full-Dome Acrylic Safety Mirrors - 360 degrees

- Dome mirrors are perfect for any high traffic industrial area
- Crisp clear reflection allows for additional safety when entering blind spots
- Lightweight design ensures surveillance in the most hazardous of places
- Hanging hardware is included for maximum efficiency
- Use full dome for four-way intersection or panoramic view



Version	Half Dome			Full Dome			
External Diameter [in]	18	28	34	18	28	34	36
Shipping Weight [lbs]	3	5	10	5	9	15	18
Order number	M74-1094-U0	M74-1095-U0	M74-1096-U0	M74-1090-U0	M74-1091-U0	M74-1092-U0	M74-1093-U0
Price / Item(s)	\$ 41.00	\$ 59.00	\$ 89.00	\$ 60.00	\$ 92.00	\$ 153.00	\$ 178.00

Full-Dome Acrylic Safety Mirrors - 360 degrees

- Dome mirrors allow you to have a large viewing area and improve safety in a facility
- Large viewing areas for overhead viewing at blind corners, intersections, entrances, and exits
- Full-dome for four-way intersection or panoramic view

	360 degrees Full-Dome		
External Diameter [in]	18	26	36
Shipping Weight	5	10	35
Order number	M74-0983-U0	M74-0984-U0	M74-0985-U0
Price / Item(s)	\$ 96.00	\$ 169.00	\$ 299.00



Convex Safety Mirrors - Glass

- Improve overall visibility and safety in a facility
- Wide angle viewing – 160°+ viewing angle
- Install in low ceiling areas and small viewing areas
- Durable and warp resistant

	Convex Safety Mirror - Glass		
External Diameter [in]	12	18	26
Shipping Weight	3	5	15
Order number	M74-0972-U0	M74-0973-U0	M74-0974-U0
Price / Item(s)	\$ 41.00	\$ 57.00	\$ 96.00



Convex Safety Mirror - Acrylic

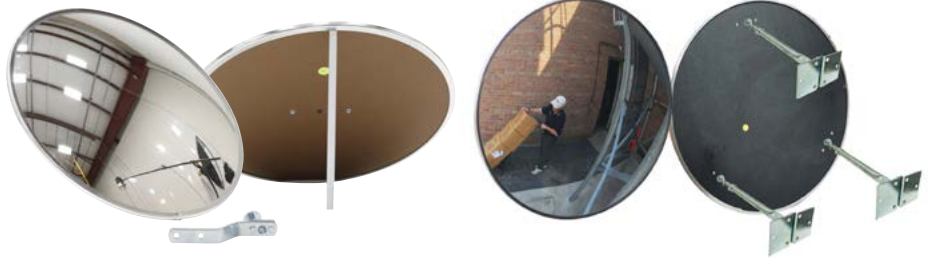
- Improve visibility and safety with these high-grade, optically sharp safety mirrors
- Wide angle viewing - 160° + viewing angle
- Install in low ceiling and small viewing areas
- Lightweight and east to mount

	Convex Safety Mirror - Acrylic		
External Diameter [in]	18	26	36
Shipping Weight	8	17	23
Order number	M74-0975-U0	M74-0976-U0	M74-0977-U0
Price / Item(s)	\$ 93.00	\$ 155.00	\$ 250.00



Convex Industrial Mirrors - Acrylic

- Eliminate those blind spots and danger areas found in industrial settings
- Lightweight design made from the finest quality materials
- Comes standard with hanging or mounting hardware



Usage	Indoor				Outdoor			
External Diameter [in]	12	18	26	30	18	26	30	36
Shipping Weight [lbs]	4	5	10	12	10	16	20	28
Order number	M74-0986-U0	M74-0987-U0	M74-0988-U0	M74-0989-U0	M74-0990-U0	M74-0991-U0	M74-0992-U0	M74-0993-U0
Price / Item(s)	\$ 32.00	\$ 49.00	\$ 77.00	\$ 99.00	\$ 71.00	\$ 133.00	\$ 160.00	\$ 200.00

Wide View Convex Mirrors

- Provides wider angle of visual space than flat mirrors
- Lightweight design made from the finest quality materials
- Comes standard with hanging or mounting hardware



Indoor



Outdoor

Usage	Indoor			Outdoor		
External Diameter [in]	4	5	7	4	5	7
Shipping Weight [lbs]	6	12	21	8	16	24
Order number	M74-1098-U0	M74-1099-U0	M74-1100-U0	M74-1101-U0	M74-1102-U0	M74-1103-U0
Price / Item(s)	\$ 74.00	\$ 108.00	\$ 157.00	\$ 95.00	\$ 170.00	\$ 215.00



Steel Post Bollards Body

- Protect people and prevent damage to your facility by posting these bollards up
- Constructed of 1/4" thick steel mounted on 3/8" thick plate
- Four pre-drilled 3/4" mounting holes in base plate for easy installation

External Height [in]	36		42	
External Dimensions W x D x H [in]	8 x 8 x 36		10 x 10 x 36	
External Dimensions W x D [in]	8 x 8		10 x 10	
Shipping Weight [lbs]	45		65	
Order number	M61-3053-U0		M61-3054-U0	
Price / Item(s)	\$ 188.00		\$ 211.00	



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Poly-Guide Post Bollards

- Highly-visible post bollards stand out when placed in crowded areas
- Brightly-colored, high-density polyethylene plastic posts
- Lightweight and portable, yet durable and weather-resistant
- Add an internal sandbag to increase stability and weight

Color	Orange	Yellow	Lime
External Dimensions W x D x H [in]	10 x 10 x 24	10 x 10 x 24	10 x 10 x 24
Shipping Weight [lbs]	6	6	6
Order number	M61-3052-U0	M61-3051-U0	M61-3050-U0
Price / Item(s)	\$ 68.00	\$ 68.00	\$ 68.00

Corner and Wall Protectors

- Made of durable polyethylene, protectors are quick and simple to install, using the provided hardware kit
- Sturdy material does not require constant upkeep
- Reduce maintenance costs around your facility by reducing chips, dents and dings to walls and corners
- Eye-catching, safety yellow color promotes visibility, warning workers to stay alert and stay clear



Version	Corner Protector	Wall Protector
External Dimensions W x D x H [in]	5.8 x 5.6 x 42	6 x 2 x 48
Shipping Weight [lbs]	5	7
Order number	M62-2113-U0	M62-2114-U0
Price / Item(s)	\$ 87.00	\$ 72.00

Heavy Duty Steel Column Protector

Heavy Duty Steel Column Protector

- 2-piece, heavy gauge steel protectors wrap around posts and beams for high protection
- Interior clearance of 20x20 inches protects a wide variety of beam sizes
- Connecting hardware for joining the 2 segments is provided
- Sturdy base plates are pre-drilled for anchoring (anchors not included)
- Long lasting powder coat finish in traffic yellow for high visibility

Version	24" High	36" High	48" High
External Dimensions W x D [in]	29 x 35	29 x 35	29 x 35
Internal Width [in]	20	20	20
Internal Depth [in]	20	20	20
Shipping Weight [lbs]	125	137	140
Order number	M65-2510-U0	M65-2515-U0	M65-2520-U0
Price / Item(s)	\$ 868.00	\$ 884.00	\$ 899.00



90° corner Guards

- Protect corners of equipment and facilities
- 90° bend fits snugly around corners to protect assets from a traffic flow area
- Base plates are predrilled for fastening (anchors not included)



90° Corner Guard, 24" high



90° Corner Guard, 36" high

Version	24" High		36" High		42" High	
External Dimensions W x D [in]	24.6 x 24.6	30.6 x 30.6	24.6 x 24.6	30.6 x 30.6	24.6 x 24.6	30.6 x 30.6
Shipping Weight [lbs]	96	108	108	114	116	120
Order number	M62-3015-U0	M62-3024-U0	M62-3018-U0	M62-3027-U0	M62-3021-U0	M62-3030-U0
Price / Item(s)	\$ 436.00	\$ 461.00	\$ 470.00	\$ 497.00	\$ 489.00	\$ 517.00



Drum Handling Equipment

See page
221



Tanks and IBC Totes

See page
216



Hazard Stripes Belt

CAUTION - DO NOT ENTER

CAUTION - DO NOT ENTER Belt

Outdoor Retractable Belt Tape Post, showing hazard stripe belt, available in 10' and 15' length.



Outdoor Retractable Belt Tape Posts

Sturdy aluminum stanchion is ideal for use outdoors and in tough indoor environments.

- 2 1/2" diameter aluminum post measures 40" high with a sturdy 14" diameter base
- Uses rust-proof stainless steel hardware
- Belt top has 2" wide retractable belt tape with ergonomic, rounded corner belt end and noticeable red slide action lock
- Can accept up to three additional belt ends from other belt tape posts
- Available with either 10-ft. or 15-ft. belt tape with contrasting black and yellow hazard stripes or Caution message

Belt Tape Version	Hazard Stripes	Caution Message
Design	Black Post, Head, & Base	Black Post, Head, & Base
Order number - 10' Belt Tape	M62-4023-U0	M62-4024-U0
Price / Item(s)	\$ 280.00	\$ 280.00
Order number - 15' Belt Tape	M62-4025-U0	M62-4026-U0
Price / Item(s)	\$ 394.00	\$ 394.00

Outdoor Belt Tape Receiver Posts

- Sturdy aluminum stanchion is ideal for use outdoors and in tough indoor environments
- 2 1/2 inch diameter aluminum post measures 40 inches high with a sturdy 14 inch diameter base
- Features rust-proof stainless steel hardware
- Accepts up to four additional belt ends from other belt tape posts
- Post does not contain belt tape

Model	For a 10 ft Belt	For a 15 ft Belt
External Dimensions Dia x H [in]	14 x 40	14 x 40
Shipping Weight [lbs]	57	57
Order number Yellow	M62-4013-U0	M62-4014-U0
Order number Black	M62-4015-U0	M62-4016-U0
Price / Item(s)	\$ 225.00	\$ 377.00

Indoor Retractable Belt Tape Posts

- Use for crowd control and guiding pedestrian traffic, or as a barrier to prevent entry
- Stanchion post has a clean, durable design for indoor use
- 2 1/2" diameter steel post measures 40" high with a sturdy 14 inch diameter base
- Belt top has 2" wide retractable belt tape with ergonomic, rounded corner belt end and noticeable red slide action lock
- Can accept up to three additional belt ends from other belt tape posts
- Post and belt color is black
- Choose between either 10-feet or 15-feet belt tape

Model	10 ft	15 ft
External Dimensions Dia x H [in]	14 x 40	14 x 40
Shipping Weight	57	57
Order number	M62-4017-U0	M62-4018-U0
Price / Item(s)	\$ 284.00	\$ 392.00



Utility Retractable Belt Tape Posts

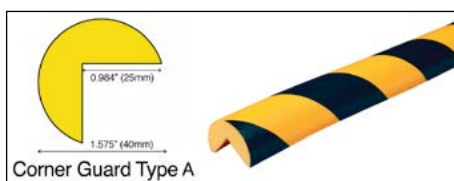
- Made of industrial-strength aluminum for the toughest environments to direct foot traffic
- Heavy-duty belt tapes resist fraying or puckering
- Features eye-catching black and yellow hazard stripe design



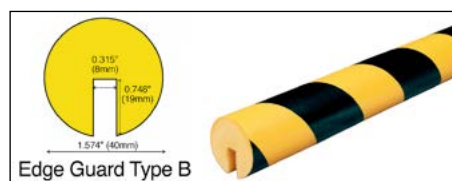
Version	Post with 10 ft Belt Length	Post with 15 ft Belt Length
External Dimensions W x D x H [in]	15 x 15 x 40	15 x 15 x 40
Shipping Weight [lbs]	23	30
Order number	M62-4012-U0	M62-4011-U0
Price / Item(s)	\$ 276.00	\$ 349.00

Protective Bumper Guards

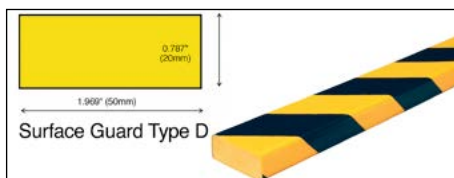
- Reduce the risk of injury from protruding corners, edges, and obstacles
- Use protective bumper guards to ensure potentially hazardous surfaces are covered
- Film cover protects colors from fading, even with heavy use
- Visual warning with black hazard stripes on a yellow background
- Long-lasting polyurethane foam protects workers from sharp and hard edges
- All bumper guards are 39 3/8 inches long



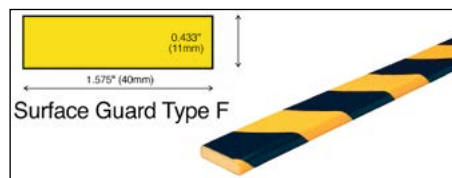
Corner Guard Type A, Order no. M62-2115-U0, \$ 52.00



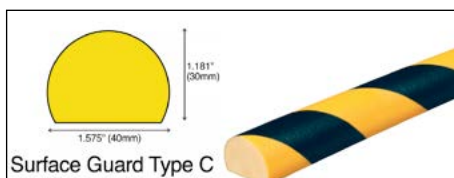
Edge Guard Type B, Order no. M62-2116-U0, \$ 53.00



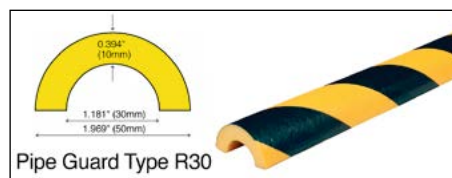
Surface Guard Type D, Order no. M62-2119-U0, \$ 68.00



Surface Guard Type F, Order no. M62-2120-U0, \$ 51.00



Surface Guard Type C, Order no. M62-2117-U0, \$ 55.00



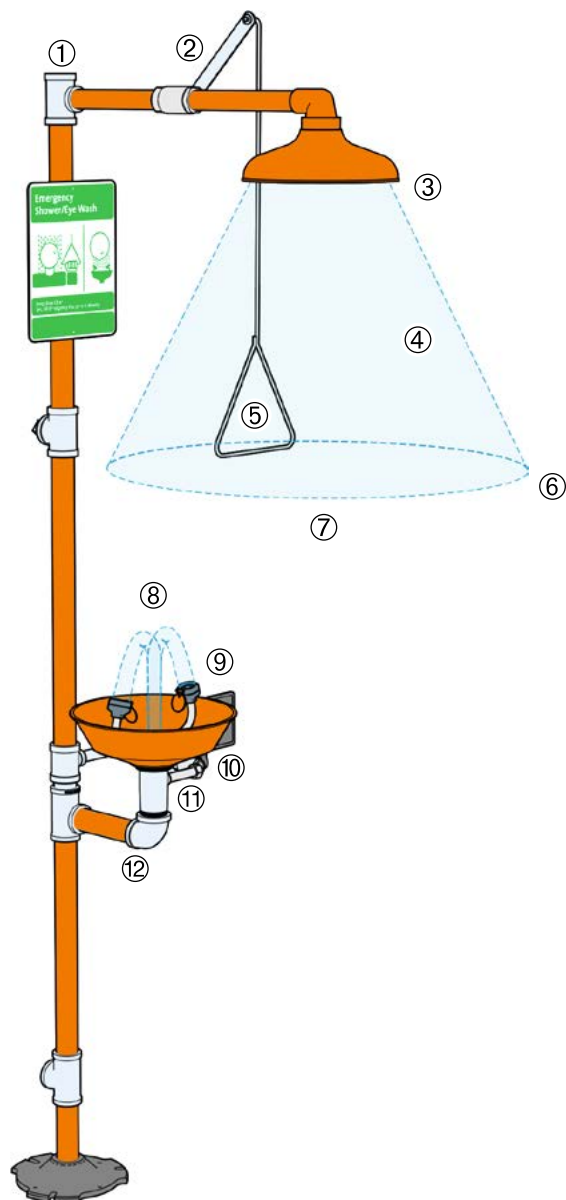
Pipe Guard Type R30, Order no. M62-2121-U0, \$ 76.00



This checklist is a summary of the provisions of ANSI Z358.1-2014 relating to eye or eye/face wash and shower combination stations. All Guardian safety stations are third-party certified to meet or exceed the provisions of ANSI Z358.1-2014.

ANSI

These products comply with ANSI Z358.1-2014



- ① **Connect unit to water supply capable of delivering required flow when all components are operated simultaneously.** (Section 4.1.4, 4.5.5, 7.4.4)
- ② **"Hands-free" stay-open valve activates in one second or less.** (Section 4.2)
- ③ **Height of water column shall be between 82" (208.3 cm) and 96" (243.8 cm) above floor.** (Section 4.1.3, 4.5.4)
- ④ **Shower shall provide 20 gallons (75.7 liters) of water per minute for 15 minutes.** (Section 4.1.2, 4.5.5)
- ⑤ **Easily located, accessible actuator no higher than 69" (173.3 cm) above floor.** (Section 4.2)
- ⑥ **At 60" (152.4 cm) above floor, the water pattern must be at least 20" (50.8 cm) in diameter.** (Section 4.1.4)
- ⑦ **Center of water pattern shall be at least 16" from any obstructions.** (Section 4.1.4, 4.5.4)
- ⑧ **Flushing fluid flow pattern shall be positioned between 33" (83.8 cm) and 53" (134.6 cm) from the floor and at least 6" (15.3 cm) from the wall or nearest obstruction.** (Section 5.4.4, 6.4.4)
- ⑨ **Protect outlet heads from airborne contaminants. Covers shall be removed by water flow.** (Section 5.1.3, 6.1.3)
- ⑩ **Valve actuator shall be easy to locate and readily accessible to user.** (Section 5.2, 6.2)
- ⑪ **"Hands-free" stay-open valve activates in one second or less.** (Section 5.2, 6.1.4, 6.2)
- ⑫ **Unit must deliver at least 3.0 GPM (11.4 liters) (for eye/face wash) or 0.4 GPM (1.5 liters) (for eye wash) for 15 minutes.** (Sections 5.1.6, 6.1.6, 6.4.5)

Location:: Install safety station within 10 seconds or 55 feet of hazard, on the same level as hazard and with unobstructed travel path. (Section 7.4.2; B5)

Identification: Identify safety station with highly visible sign. Area around safety station shall be well lighted. (Section 7.4.3)

Water temperature: Water delivered by safety station shall be tepid (60-100°F). (Section 7.4.5)

training: Instruct all employees in the location and proper use of safety station. (Section 7.4.5)

Maintenance/Inspection: Activate safety station at least weekly. (Section 7.5.2) Inspect annually for compliance with standard. (Section 7.5.5)

Eye Wash / Drench Hose Units

- Meets the provisions of ANSI Z358.1-2014
- Fast treatment in the event of an eye injury
- Patented protective dust covers open automatically when operated
- Chromed spray heads with self-regulating flow control, filter and dust covers
- Simple to use with valve lever
- 3/8" NPT male swivel-type inlet
- Integral safety valve and securing mount
- Locking clip engages when handle is depressed, providing "hands free" operation. Valve stays open until locking clip is released
- Choose between deck or wall mounted



\$ 180.00

Order no. M34-1203-U0

Drench Hose Unit G 5025

- For wall mounting
- 1 spray head
- Reinforced PVC hose, length: 8 ft



\$ 255.00

Order no. M34-1010-U0

Eye Wash/Drench Hose Unit G 5026

- For wall mounting
- 2 spray heads
- Reinforced PVC hose, length: 8 ft



\$ 306.00

Order no. M34-1202-U0

Eye Wash/Drench Hose Unit G 5014

- For wall mounting
- 2 spray heads
- Reinforced Nylon hose, length: 12 ft



\$ 216.00

Order no. M34-1208-U0

Eye Wash station G 1819

- For wall mounting
- 2 spray heads



\$ 268.00

Order no. M34-1011-U0

Eye Wash/Drench Hose Unit G 5022

- For deck mounting
- 2 spray heads
- Reinforced PVC hose, length 8 ft

**\$ 73.00**

Order no. M34-1025-U0

**\$ 84.00**

Order no. M34-1026-U0

Faucet Mounted Eye Wash Stations

Faucet-mounted eye wash stations convert any faucet into an emergency eyewash station without interfering with normal faucet operation. The unit can be installed at any sink, close to where accidents might occur.

Forged brass diverter valve. Pull knob to activate eyewash; water pressure holds eye wash in operation, leaving user's hands free. Push knob or turn off faucet to return to normal faucet operation.

- Fast treatment in the event of an eye injury
- Patented protective dust caps open automatically when operated
- Chromed spray heads with self-regulating flow control, filter and dust covers
- Simple to use with valve lever
- Integral safety valve and securing mount

Deck and Wall Mounted Eye Wash Stations

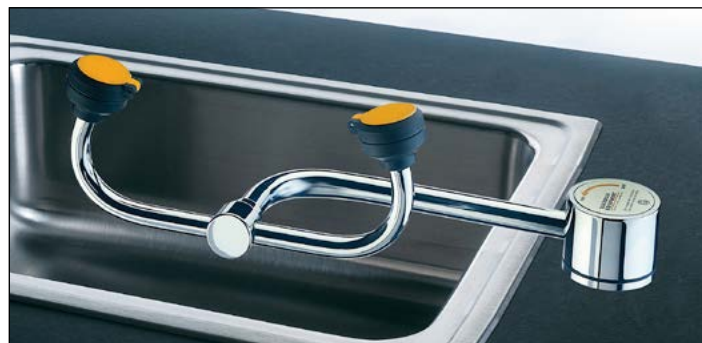
- Meets the provisions of ANSI Z358 as an eye wash
- Fast treatment in the event of an eye injury
- Patented protective dust caps open automatically when operated
- Chromed spray heads with self-regulating flow control, filter and dust covers

- Simple to use with valve lever
- 3/8" NPT male swivel-type inlet
- Integral safety valve and securing mount
- Choose between Deck or Wall Mounting and right or left hand operated unit



Deck Mounted Eyewash G1806, right hand operated,
Order no. M34-1024-U0, \$ 262.00

Deck Mounted Eyewash G1806-LH, left hand operated,
Order no. M34-1028-U0, \$ 262.00



Deck Mounted Eyewash G1805 with AutoFlow Function, right hand operated,
Order no. M34-1023-U0, \$ 245.00

Deck Mounted Eyewash G1805-LH with AutoFlow Function, left hand operated,
Order no. M34-1027-U0, \$ 245.00



Deck Mounted Eyewash G1849 with AutoFlow Function, right hand operated,
Order no. M34-1205-U0, \$ 429.00

Deck Mounted Eyewash G1849-LH with AutoFlow Function, left hand operated,
Order no. M34-1206-U0, \$ 429.00



Wall Mounted Eyewash G1848 with AutoFlow Function, right hand operated,
Order no. M34-1204-U0, \$ 429.00

Deck Mounted Eyewash G1848-LH with AutoFlow Function, left hand operated,
Order no. M34-1207-U0, \$ 429.00

i **AutoFlow Function:** Swinging the spray head assembly 90 degrees horizontally out over the sink activates the water flow. The unit remains in operation until the spray head assembly is swung back into the storage position, closing the valve.

Portable Eye Wash Stations

- Fast treatment in the event of an eye injury
- Complying with the provisions of ANSI Z358.1-2014 for eyewashes
- Choose between heated and non-heated eye wash stations

Portable Gravity Fed Eye Washes G1540

Self-contained 16 gallon gravity-flow eyewash unit is ideal for use in low traffic areas, and where a continuous supply of potable water is unavailable for plumbed units. Rugged plastic tank is wall mountable near any hazard. Unit uses gravity to deliver approximately eight gallons of water for 15 minutes through dual spray heads.

- Water flow is activated by pulling down on bright yellow eyewash tray. Integral full-flow nozzles deliver a soft spray of water. Swing tray up to storage position to stop water flow
- To operate unit, fill with clean potable water and add bacteriostatic additive (supplied with unit). Additive protects against growth of bacteria, fungus, algae and acanthamoeba

Optional Accessory

Vinyl Cover for Portable Eyewash G 1540,
Order no. M34-1213-U0, \$ 61.00



Portable Gravity Fed Eye Washes G1540,
Order no. M34-1030-U0, \$ 207.00

Portable Eyewash G1540HTR, heated,
with integrated heating pads,
Order no. M34-1209-U0, \$ 1,858.00

- Unit is fully freeze-resistant and tempered by integrated heating pads that are made of silicone rubber, for both indoor and outdoor environments
- The electronic temperature controller has an easy to read LCD screen for viewing the temperature and a green LED status indication light

Pressurized Eye Wash and Drench Hose Units

Self-contained eye wash/drench hose unit is ideal for use in low traffic areas, and where a continuous supply of potable water is unavailable for plumbed units. 15 gallon pressurized unit is ideal for floor placement near any hazard, and delivers approximately 10 usable gallons of water for 15 minutes (0.65 GPM)

- Eyewash with two spray heads and dust covers, internal flow control and filter
- Auxiliary hand-held drench hose for rinsing eyes, face or body. Unit has 6 ft. reinforced PVC hose
- Model G1561HTR:
Fully freeze-resistant and tempered, for both indoor and outdoor environments
- Integrated silicone heater, water temperature inside the tank is regulated by an onboard thermostat set to 65°F

Optional Accessory

Stainless Steel Dolly

- For easy transporting of eye wash units
- Includes 4 chemical resistant polyolefin wheels with lockable casters



Stainless Steel Dolly,
Order no. M34-1212-U0, \$ 155.00



8 oz. bottle of bacteriostatic
additive (Case of 4),
Order no. M34-1214-U0, \$ 45.00



Portable Eye Wash/Drench Hose
Unit G1562 (Dolly not included),
Order no. M34-1211-U0, \$ 962.00

Portable Eyewash/Drench Hose
Unit G1562HTR with heating jacket,
Order no. M34-1210-U0, \$ 1,712.00

Eye and Eye/Face Washes

- Meets the provisions of ANSI Z358, 1-2014
- Fast treatment in the event of an eye injury
- Provides ½" NPT female inlet for supply and 1.25" NPT female outlet for waste
- ½" IPS chrome plated brass stay open ball valve is activated by flag handle and will stay open until handle is returned to closed position
- Choose between eye or combined eye/face washes with plastic, stainless steel bowl or stainless steel bowl with cover

Wall mounted Eye and Eye/Face Wash unit with Plastic or Stainless Steel Bowl



Eye Wash G 1814P,
Order no. M34-1050-U0



Eye / Face Wash G 1715,
Order no. M34-1071-U0

Eye Wash G 1814BC,
Order no. M34-1052-U0

from \$ 184.00



Free standing Eye and Eye/Face Wash unit with Plastic or Stainless Steel Bowl

- Pipe and fittings made of galvanized steel. Pipes with orange polyethylene pipe covers for high visibility and corrosion resistance



Eye Wash G 1825P,
Order no. M34-1060-U0



Eye Wash G 1825,
Order no. M34-1061-U0

Eye / Face Wash G 1760BC,
Order no. M34-1088-U0

Usage	Eye Wash, open bowl	Eye Wash, bowl with cover	Eye / Face Wash, open bowl	Eye / Face Wash, bowl with cover	Eye Wash, open bowl	Eye Wash, bowl with cover	Eye / Face Wash, open bowl	Eye / Face Wash, bowl with cover
Mounting	Wall	Wall	Wall	Wall	Pedestal	Pedestal	Pedestal	Pedestal
Model	G 1814	G 1814-BC	G 1750	G 1750-BC	G 1825	G 1825-BC	G 1760	G 1760-BC
Bowl Dimensions D x H [in]	12 x 4	12 x 2.5	12 x 4	12 x 2.5	12 x 4	12 x 2.5	12 x 4	12 x 2.5
External Height	13.0	14.0	13.0	14.0	13.0	13.0	13.0	13.0
Flow Rate (30 psi) [gpm]	3.2	3.2	6.4	6.4	3.2	3.2	6.4	6.4
Order number Plastic Bowl	M34-1050-U0	—	M34-1070-U0	—	M34-1060-U0	—	M34-1201-U0	—
Price / Item(s)	\$ 184.00	—	\$ 211.00	—	\$ 238.00	—	\$ 314.00	—
Order number Stainless Steel Bowl	M34-1051-U0	M34-1052-U0	M34-1071-U0	M34-1072-U0	M34-1061-U0	M34-1062-U0	M34-1200-U0	M34-1088-U0
Price / Item(s)	\$ 238.00	\$ 391.00	\$ 264.00	\$ 245.00	\$ 315.00	\$ 468.00	\$ 579.00	\$ 371.00

Body Showers, Vertical or Horizontal Mounting

- Meets the provisions of ANSI Z358.1-2014
- Fast treatment in the event of an eye injury
- Easy operation with a stainless steel handle
- Water connection: 1" inlet (NPT internal thread)
- Water discharge quantity: > 15 gpm at 30 psi
- Choose between galvanized pipes with plastic shower head or a full stainless steel design and wall (horizontal) or ceiling (vertical) mounting



Emergency Shower G 1635,
Plastic Shower Head

\$ 163.00

Order no. M34-1045-U0



Emergency Shower G 1643,
Plastic Shower Head

\$ 170.00

Order no. M34-1046-U0



Emergency Shower G 1692,
All-Stainless Steel

\$ 549.00

Order no. M34-1047-U0



Emergency Shower G 1691,
All Stainless Steel

\$ 502.00

Order no. M34-1048-U0

Thermostatic Mixing Valves

Tempering valve to blend hot and cold water to deliver tepid water. Valve can be used with single installation of an emergency shower or safety station, or multiple installations of eye wash, eye/face wash, dual purpose eye wash/drench hose, or drench hose units.

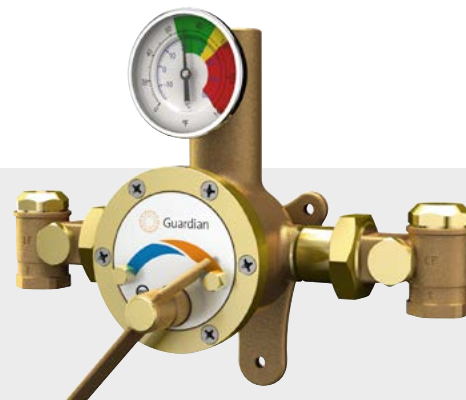
- Fits to all DENIOS Eye/Face Washes, Body Showers and Shower Stations
- Choose between a valve with flow capacity of 2.0 to 6.0 gpm or 3.0 to 44 gpm (gallons per minute)



Pursuant to ANSI Z358.1-2014, the water delivered by emergency equipment should be "tepid". Tepid is defined as moderately warm or lukewarm, and is generally considered to be between 60°F (15°C) and 90°F (32°C). However, in certain circumstances, a chemical reaction may be accelerated or otherwise affected by the water temperature. Please consult with a medical advisor to determine the optimum delivered water temperature prior to specifying, installing or using a tempering valve flow capacity.



Tempering Valve, 6 Gallon Capacity,
Order no. M34-1087-U0, \$ 589.00



Tempering Valve, 44 Gallon Capacity,
Order no. M34-1086-U0, \$ 1,085.00

Valid for M34-1086								
System Pressure Drop (psi)	5	10	15	20	25	30	35	40
Flow Rate (gpm)	20	25	30	33	35	38	43	50

Valid for M34-1087								
System Pressure Drop (psi)	5	10	15	20	25	30	35	40
Flow Rate (gpm)	2.0	2.7	3.5	4.5	5.5	6.5	7.5	8.5

Eye Wash and Shower Station

Combination eye wash and Shower Station quickly washes contaminations from eyes and body.

Meets the provisions of ANSI Z358.1-2014 as both an emergency eyewash and a shower

- For rapid first aid after an accident to prevent contamination of the body and eyes
- Easy operation of the body shower with a stainless steel handle
- Water flow for body shower: 20 GPM, water connection 1 1/4" NPT



Shower Station G 1931

- Galvanized steel pipe
- Eye wash without bowl

\$ 660.00

Order no. M34-1216-U0

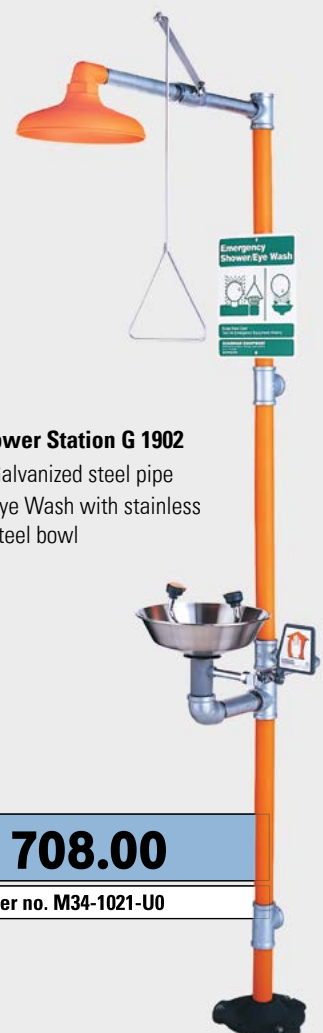


Shower Station G 1902-P

- Galvanized steel pipe
- Eye Wash with plastic bowl

\$ 685.00

Order no. M34-1020-U0



Shower Station G 1902

- Galvanized steel pipe
- Eye Wash with stainless steel bowl

\$ 708.00

Order no. M34-1021-U0

Optional Accessory

Foot Treadle, Stainless Steel

- Foot pedal in rustfree stainless steel design
- For opening and activating the eye wash

\$ 120.00

Order no.
M34-1089-U0



- Eye wash with 2 spray nozzles with self-regulating flow control, filter and dust covers
- Water flow for eye wash: > 3.2 GPM at 30 PSI pressure
- For floor mounting, includes base plate

Shower Station G 1902-BC

- Galvanized steel pipe
- Eye Wash with Stainless Steel Bowl and Cover

**\$ 805.00**

Order no. M34-1022-U0

**Shower Station G 1991**

- Stainless steel design, giving optimal corrosion protection
- Eye wash with stainless steel bowl

\$ 1,893.00

Order no. M34-1215-U0

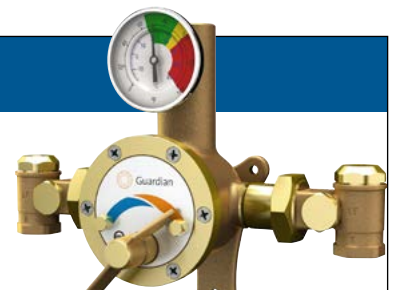
Shower Station GFR 1902

Freeze-resistant valves and supply lines are buried below frost line to protect against freezing. Unit is designed to drain completely after use, so that no standing water remains in unit and possibility of freeze-up is eliminated. Since unit is intended for use in cold weather conditions, consideration should be given to supplying unit with tempered water.

- Galvanized steel pipe
- Eye Wash with stainless steel bowl

**\$ 1,781.00**

Order no. M34-1091-U0

Safety GogglesSee page
278**Mixing Valves**See page
273

Heated Eye Wash and Shower Station, rated for Class 1, Division 2

Electric heat-traced stations prevent freezing even in extreme conditions. Units are intended for cold weather use down to -40°F. Unit is fully wired and assembled at factory.

- Meets the provisions of ANSI Z358.1-2014 as both an emergency eye wash and shower
- FM, UL, and CSA approved for Class 1, Division 2, Groups B, C, and D
- For rapid first aid after an accident to prevent contamination of the body and eyes
- Easy operation of the emergency shower with a stainless steel handle
- The aerated plastic water jets ensure the water is a gentle spray

- Water flow for body shower: 20 GPM, water connection 1 1/4" NPT
- Eye wash with 2 spray nozzles with self-regulating flow control, filter and dust covers
- Simple operation of the eyewash with flag handle
- Water flow for eye shower: > 3.2 GPM at 30 PSI
- Heat-tracing cable wraps around internal pipe and activates when pipe temperature falls below 75° F to maintain tepid water within unit
- Galvanized steel piping with UV-resistant orange ABS plastic jacket and polyethylene foam insulation
- Requires 120 VAC single phase power supply (240V option also available)

\$ 3,055.00

Order no. M34-1092-U0

Heated Safety Station with Eye wash GFR3100, Top Inlet

\$ 3,055.00

Order no. M34-1093-U0

Heated Safety Station with Eye wash GFR3110, Bottom Inlet

Version	Top Inlet	Bottom Inlet
External Dimensions (vent hoods included) W x D x H [in]	9 x 35 x 95	9 x 35 x 95
Order number	M34-1092-U0	M34-1093-U0
Price / Item(s)	\$ 3,055.00	\$ 3,055.00

Aluminum Safety Sign

- Use a single, universally recognizable illustration to identify an emergency shower
- White image on green background lets people know there is a safety concern
- Dimension 10 x 14 in



Aluminum Safety Sign:
Shower Pictogram,
Order no. M74-3102-U0, \$ 13.00



Aluminum Safety Sign:
Emergency Eyewash,
Order no. M74-3099-U0, \$ 22.00



Aluminum Safety Sign:
Safety Shower,
Order no. M74-3101-U0, \$ 22.00

Why use Personal Protective Equipment ?

Personal protective equipment, commonly referred to as "PPE", is equipment worn to minimize exposure to serious workplace injuries and illnesses. These injuries and illnesses may result from contact with chemical, radiological, physical, electrical, mechanical, or other workplace hazards. Personal protective equipment may include items such as gloves, safety glasses, respirators, coveralls and fully encapsulated suits.

Employers are responsible for providing a safe and healthy workplace for their employees. OSHA (Occupational Safety and Health Administration) regulations

such as 1910.132(a) are an important basis for this. "Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers, shall be provided, used, and maintained in a sanitary and reliable condition wherever it is necessary by reason of hazards of processes or environment, chemical hazards, radiological hazards, or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any part of the body through absorption, inhalation or physical contact."

Eye Protection

The Challenge: Eye Injuries are Prevalent in the Workplace

Every day, approximately 2,000 U.S. workers sustain a work-related eye injury that requires medical treatment. This is a problem for both employers and their workers, because about 1 in 10 injuries require one or more missed workdays to recover.

Eye Injuries occur for two main reasons:

- Nearly three out of every five workers injured are not wearing eye protection at the time of the accident.
- 40% of the injured workers were wearing some form of eye protection when the accident occurred. However, these workers were most likely to be wearing protective eyeglasses that offered inadequate eye protection.



Hand Protection

Gloves are relied upon to prevent cuts, abrasions, burns, and skin contact with chemicals. Employers are required to provide workers with gloves suited specifically for each work task that will provide the best protection possible.



Respiratory Protection

Respirators protect employees from inhaling harmful substances, including chemical, biological, and radiological agents. These substances can be in the form of airborne vapors, gases, dust, fogs, fumes, mists, smokes, or sprays.



Fall Protection

The ANSI/ASSE Z359 Fall Protection Standards System provides the requirements to help minimize serious injuries often caused by misuse, poor product selection, inadequate training or possibly damaged/worn fall protection equipment.

This document provides a basic understanding of the standards and the key changes that have either been incorporated or are in development. It is intended to provide an overview of the standards only. It is not an exhaustive, all-inclusive, account of every change in all of the included or planned standards.



3M SecureFit™ Safety Glasses

- Flexible safety glasses in frameless glass
- Special side design for pressure-free comfort with 3M™ Pressure Diffusion Temple Technology
- Secure, comfortable fit, even when in motion
- Very light (only 0.7 oz)
- Flat, wide sides for additional protection of the temples and sides of the eyes
- Polycarbonate lens absorbs 99.9% UV protection
- Meets ANSI Z87.1-2010
- Certified to the requirements of the CSA Z94.3 standard



SecureFit™			
Color	Clear	Gray	Amber
Quantity per Pack	20	20	20
Order number	M74-0924-U0	M74-0925-U0	M74-0926-U0
Price / Pack	\$ 52.00	\$ 56.00	\$ 56.00

3M™ Splash Goggles

- Lightweight design features impact-resistant
- Clear polycarbonate lens that absorbs 99.9% UV
- Indirect vent goggles provide protection against liquid splash applications
- Meets ANSI Z87.1+ High Impact standard



Splash Goggles		
Color	Transparent	Transparent
Version	Clear	Clear with Anti-Fog
Quantity per Pack	1	1
Order number	M74-3920-U0	M74-3921-U0
Price / Pack	\$ 3.00	\$ 4.00

MCR Protective Safety Goggles

- Perforated goggles with rubber strap
- Provides an unobstructed field of vision
- Can be worn with most half-mask respirators and over Rx eyewear
- Meets ANSI Z87.1+ High Impact standard



\$ 2.00

Order no. M74-0920-U0

Uvex Stealth® Goggles

- Features lightweight, comfortable, low-profile design
- Toric lenses for superior optics and peripheral vision
- Uvextreme® lens coating provides fog protection
- Quick-adjust neoprene headband
- Clips permit fast and easy fitting even on hard hats
- Rx insert available
- Meets ANSI Z87.1+ 2015 High Impact standard
- Certified to the requirements of the CSA Z94.3 2007 standard



\$ 12.00

Order no. M74-0921-U0

Uvex Stealth® Goggles - Chemical splash goggles offer comfort and protection with a close fit for superior optics

Ansell Hyflex Foam 11-801

Ansell

- Light-Duty Multi-Purpose Gloves
- Safety without sacrificing performance
- Foam nitrile palm coating offers maximum tactile sensitivity in the finger area for exceptional feel
- Enables excellent fit and performance to maintain high productivity
- Ultra-cool stretch nylon line.
- Machine washable
- ANSI level 1 cut resistance, ANSI level 3 abrasion resistance

from \$ 75.00 / Pack

Light-Duty Multi-Purpose
Safety Gloves



Ansell Hyflex Foam 11-800

Ansell

- Big Comfort when handling small parts
- Foam Nitrile coating channels oil away from gloves surface for sure grip in light oil
- Molds naturally to the hand, minimizing fatigue and providing exceptional, unmatched comfort
- ANSI level 1 cut resistance, ANSI level 3 abrasion resistance
- Certified skin friendly by Oeko-Tex™

from \$ 33.00 / Pack

Ansell Hyflex Foam 11-800



Ansell Hyflex Foam Gloves 11-801		
Size	9	10
Quantity per Pack	12	12
Order number	M74-0917-U0	M74-0918-U0
Price / Pack	\$ 75.00	\$ 75.00

Ansell Hyflex Foam Gloves 11-800			
Size	7	8	9
Quantity per Pack	12	12	12
Order number	M74-1894-U0	M74-0919-U0	M74-0916-U0
Price / Pack	\$ 33.00	\$ 33.00	\$ 33.00

Neoprene Short Gloves

- Provide excellent protection from petroleum, oils and lubricants (POLs), including fueling operations
- Neoprene also is flame resistant
- Neoprene is also better against cleaning products and solvents



from \$ 42.00 / Pair

Neoprene Short Gloves

Neoprene Short Gloves					
Size	8	9	10	11	12
Exterior Length [in] [in]	14	14	14	14	14
Material Thickness [mil]	35	35	35	35	35
Quantity per Pack	1 pair	1 pair	1 pair	1 pair	1 pair
Order number*	M74-1850-U0	M74-1851-U0	M74-1852-U0	M74-1853-U0	M74-1854-U0
Price / Pair	\$ 42.00	\$ 42.00	\$ 42.00	\$ 42.00	\$ 42.00

*other mil and lengths available

Ansell Nitrile Gloves

Ansell

- High performance nitrile compound provides an outstanding combination of chemical resistance and strength
- Offers superior snag, puncture, and abrasion protection over rubber or neoprene gloves
- High levels of flexibility, comfort, and dexterity
- Won't swell, weaken, or degrade



from \$ 28.00 / Pack

Ansell Microflex™ Powder Free Nitrile
Gloves

Ansell Nitrile Gloves			
Size	S	M	L
Quantity per Pack	50 pair	50 pair	50 pair
Order number	M74-0910-U0	M74-0911-U0	M74-0912-U0
Price / Pack	\$ 28.00	\$ 28.00	\$ 28.00

Honeywell Butyl Gloves

- Butyl has the highest permeation resistance to gas and water vapor, highly resistant to ketones (MEK, MIBL, acetone) and esters (tricresyl phosphate, amyl acetate, ethyl acetate)
- Unsupported
- 13 mil
- Rough grip

from \$ 38.00 / Pack

Pack = 1 Pair



Honeywell Butyl Gloves			
Size	S	M	L
Quantity per Pack	1 pair/EA	1 pair/EA	1 pair/EA
Order number	M74-0913-U0	M74-0914-U0	M74-0915-U0
Price / Pair	\$ 40.00	\$ 38.00	\$ 40.00

Butyl Short Gloves - Smooth or Rough Grip

- Guardian® chemical resistant gloves are the hallmark of bio-chem warfare protection for troops, first responders and is widely used by several industries
- The unique, solution-dipped process provides seamless, tight molecular structures, the key to chemical impermeability.
- The Surgical Fit or "Fitted" option provides a snug fit for precision tactility
- Multiple thicknesses are available depending on the chemicals and length of exposure (vapor or emersion)
- Guardian's 5 & 7mil Butyl gloves are perfect for First Responders dealing with the likes of Fentanyl that readily penetrates disposables
- Guardian's thin/lighter gloves address Center for Disease Controls warnings of the prevalence of skin absorption thru disposable gloves in a broad spectrum of industrial and household chemicals
- Guardian butyl provides anti-static and fully conductive gloves



Rough Grip finish provides preferred surety of grip for slick or wet surfaces. Smooth finish offers excellent touch and increases dexterity



from \$ 18.00 / Pack

Pack = 1 Pair

Size	5 mil			7 mil				
	Medium	Large	Extra Large	Extra Small	Small	Medium	Large	Extra Large
Quantity per Pack	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair
Order number - Smooth	M74-0852-U0	M74-0853-U0	M74-0854-U0	—	—	M74-0857-U0	M74-0858-U0	M74-0859-U0
Price / Pair	\$ 19.00	\$ 19.00	\$ 19.00	—	—	\$ 18.00	\$ 18.00	\$ 18.00
Order number - Rough Grip	—	—	—	M74-0880-U0	M74-0881-U0	M74-0882-U0	M74-0883-U0	M74-0884-U0
Price / Pair	—	—	—	\$ 20.00	\$ 20.00	\$ 20.00	\$ 20.00	\$ 20.00

Size	14 mil					20 mil				
	Extra Small	Small	Medium	Large	Extra Large	Extra Small	Small	Medium	Large	Extra Large
Quantity per Pack	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair
Order number - Rough Grip	M74-0885-U0	M74-0886-U0	M74-0887-U0	M74-0888-U0	M74-0889-U0	M74-0890-U0	M74-0891-U0	M74-0892-U0	M74-0893-U0	M74-0894-U0
Price / Pair	\$ 27.00	\$ 27.00	\$ 27.00	\$ 27.00	\$ 27.00	\$ 38.00	\$ 38.00	\$ 38.00	\$ 38.00	\$ 38.00
Order number - Smooth	—	—	M74-0862-U0	M74-0863-U0	M74-0864-U0	M74-0865-U0	M74-0866-U0	M74-0867-U0	M74-0868-U0	M74-0869-U0
Price / Pair	—	—	\$ 22.00	\$ 22.00	\$ 22.00	\$ 32.00	\$ 32.00	\$ 32.00	\$ 32.00	\$ 32.00

Size	25 mil					35 mil			
	Large	Extra Small	Small	Medium	Extra Large	Large	Medium	Extra Large	Extra Small
Quantity per Pack	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair
Order number - Smooth	M74-0873-U0	M74-0870-U0	M74-0871-U0	M74-0872-U0	M74-0874-U0	M74-0878-U0	M74-0877-U0	M74-0879-U0	M74-0875-U0
Price / Pair	\$ 37.00	\$ 37.00	\$ 37.00	\$ 37.00	\$ 37.00	\$ 47.00	\$ 47.00	\$ 47.00	\$ 47.00
Order number - Rough Grip	M74-0898-U0	M74-0895-U0	M74-0896-U0	M74-0897-U0	M74-0899-U0	—	—	—	—
Price / Pair	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00	—	—	—	—

Silver Shield® Gloves

- Resistant to over 280 chemicals, including alcohols, aliphatics, aromatics, chlorines, ketones and esters
- Does not contain latex or chemical accelerators that can cause allergic reactions
- Can be used as a secondary inner glove
- Features 2.7-mil thickness and either 14 1/2" or 16" length



\$ 85.00

Order no. M74-2505-U0

	2.7 mil		
Size	9	10	11
Quantity per Pack	10	10	10
Order number	M74-2505-U0	M74-2506-U0	M74-2507-U0
Price / Pack	\$ 85.00	\$ 85.00	\$ 85.00

NitriGuard Plus™

Unsupported Nitrile Gloves

- 100% Nitrile content offers excellent resistance to cuts, snags and abrasions
- Nitrile material resists most common solvents, oils and acids for dependable, long-lasting protection
- Free of latex proteins which can cause allergic reactions
- 21 CFR, for use in food processing



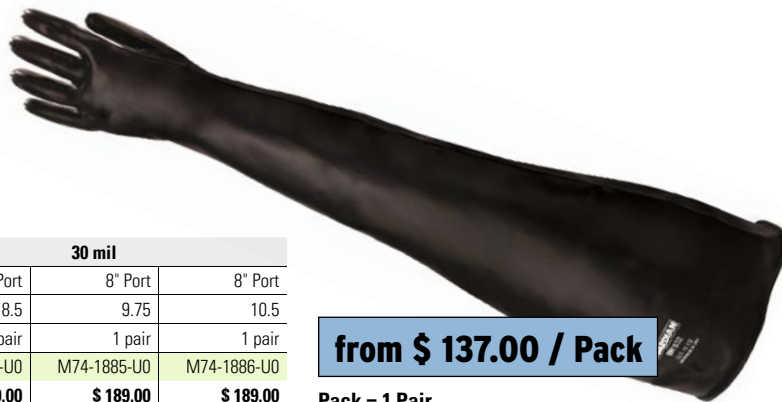
\$ 30.00

Order no. M74-2501-U0

	11 mil - sanitized liner			15 mil - flocked liner	
Size	9	10	11	9	10
Quantity per Pack	12	12	12	12	12
Order number	M74-2500-U0	M74-2501-U0	M74-2502-U0	M74-2503-U0	M74-2504-U0
Price / Pack	\$ 30.00	\$ 30.00	\$ 30.00	\$ 37.00	\$ 37.00

Glovebox Gloves - Neoprene

- In conjunction with dry boxes, isolators and containment spaces, Guardian's® Neoprene long gloves are used for radiation application in defense, industrial and nuclear facilities
- Chemical production equipment require regular clean-outs as do handling of pharmaceutical ingredients.
- Neoprene is also very heat resistant, frequently required by lab and industrial processes



from \$ 137.00 / Pack

Pack = 1 Pair

	15 mil			30 mil		
Version	8" Port	8" Port	8" Port	8" Port	8" Port	8" Port
Size	8.5	9.75	10.5	8.5	9.75	10.5
Quantity per Pack	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair
Order number	M74-1878-U0	M74-1879-U0	M74-1880-U0	M74-1884-U0	M74-1885-U0	M74-1886-U0
Price / Pair	\$ 156.00	\$ 156.00	\$ 156.00	\$ 189.00	\$ 189.00	\$ 189.00

	Ambidextrous - 15 mil					Ambidextrous - 30 mil				
Version	6" Port	8" Port			10" Port	6" Port	8" Port			10" Port
Size	9.75	8.5	9.75	10.5	9.75	9.75	8.5	9.75	10.5	9.75
Quantity per Pack	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair	1 pair
Order number	M74-1873-U0	M74-1875-U0	M74-1876-U0	M74-1877-U0	M74-1882-U0	M74-1881-U0	M74-1882-U0	M74-1883-U0	M74-1888-U0	M74-1888-U0
Price / Pair	\$ 137.00	\$ 156.00	\$ 156.00	\$ 156.00	\$ 226.00	\$ 173.00	\$ 189.00	\$ 189.00	\$ 189.00	\$ 284.00

Respirators protect employees from inhaling harmful substances, including chemical, biological, and radiological agents. These substances can be in the form of airborne vapors, gases, dust, fogs, fumes, mists, smokes, or sprays. Visit www.osha.gov for complete details and regulation requirements.

Particulate Respirator 8210, N95

- Designed to help provide comfortable, reliable worker respiratory protection against certain non-oil based particles in suggested applications including grinding, sanding, sweeping, bagging and other dusty operations
- Lightweight construction helps promote greater worker acceptance and comfort
- Features 3M's Advanced Electret Media, welded strap attachment, soft nose foam and adjustable noseclip to help provide a custom and secure seal
- NIOSH Approval TC-84A-0007



Particulate Respirator 8210, N95, Pack of 20, Order no. M74-1930-U0, \$ 20.00

Particulate Respirator 8210V, N95 with 3M™ Cool Flow™ Valve

- Proprietary 3M™ Cool Flow™ Valve is designed for easy exhalation and reduces heat build-up inside respirator to help keep wearer more comfortable
- Features adjustable noseclip and 2-strap design with dual point attachment
- Ideally suited for many work settings that involve heat, humidity or longer periods of wear
- NIOSH Approval TC-84A-5410



Particulate Respirator 8210V, Pack of 10, Order no. M74-1931-U0, \$ 16.00

3M Half Mask Respirators

- Lightweight facepiece
- Easy-to-adjust headstraps
- Facepiece can be used with any of the 3M™ bayonet-style filters and cartridges and can be easily replaced
- Swept back design of cartridges helps improve balance and visibility
- Cartridges and filters sold separately
- Meets NIOSH 42 CFR 84 requirements



3M Half Mask Respirators, Size M, 24/case, Order no. M74-0940-U0, \$ 216.00

3M Half Mask Respirators, Size L, 24/case, Order no. M74-0941-U0, \$ 216.00

Particulate Respirator 8293, P100

- Suggested applications including select OSHA substance-specific particle exposures in concentrations up to 10 x OSHA PEL (Lead, Cadmium, Arsenic, MDA)
- Features 3M™ Cool Flow™ Exhalation Valve, comfortable foam face seal and adjustable straps
- Respirators are individually packaged. Do not use for asbestos exposures
- Meets NIOSH 42 CFR 84 requirements



Particulate Respirator 8210V, Single-Pack, Order no. M74-1932-U0, \$ 7.00

ISO Mandatory Safety Label

- Instruct all personnel to wear respiratory protection within a given area
- ISO 3864 establishes and defines the design principles to communicate safety without words
- Flexible poly-composite material with UV protective laminate
- Adheres to smooth, curved and irregular surfaces
- Service temperature range: -40°F to 176°F



Wear Respiratory Protection, 2", Adhesive Dura-Vinyl, Order no. M74-3063-U0, \$ 28.00

Wear Respiratory Protection, 4", Adhesive Dura-Vinyl, Order no. M74-3064-U0, \$ 26.00

Wear Respiratory Protection, 8", Adhesive Dura-Vinyl, Order no. M74-3065-U0, \$ 10.00

3M Full Facepiece Respirators, 6000er Series

- Faceseal is made of silicone rubber for enhanced comfort and durability
- Lightweight and well-balanced
- Unique 3M™ Cool Flow™ Valve for unsurpassed comfort
- Features large lens providing user a wide field of vision



3M 6800 Respirator Full Facepiece Medium DK Gray,
Order no. M74-1927-U0, \$ 100.00

3M 6900 Respirator, Full Facepiece,
Order no. M74-1928-U0, \$ 100.00

3M Full Facepiece Respirators, 7800S Series

- Durable, silicone facepieces are designed for a wide range of applications
- Full facepiece features a double flange silicone faceseal and (6) easy-adjusting straps for comfort and durability
- Hard-coated polycarbonate lens
- Features large lens providing user a wide field of vision
- Extra-large inhalation and exhalation valves help make breathing easier
- Meets NIOSH 42 CFR 84 requirements



3M 7800S Respirator Full Facepiece Silicone LRG,
Order no. M74-1929-U0, \$ 453.00

MSA Full Face Respirators

- Engineered for comfort and versatility
- Offers ease of use and low breathing resistance
- Preset upper straps make it easy to don and remove
- Advantage Head Harness
- Scratch-resistant



MSA Advantage 3200 Full Facepiece Respirators L,
Order no. M74-1950-U0, \$ 287.00

MSA Advantage 3200 Full Facepiece Respirators M,
Order no. M74-1951-U0, \$ 287.00

Optional Accessory



3M Particulate Filter
P100
Pack = 2 pcs
Order no. M74-1921-U0
\$ 5.00 / Pack



3M Particulate Filter P100 w/
Nuisance Level Organic Vapor*
Relief & Ozone Protection
Pack = 2 pcs
Order no. M74-1922-U0
\$ 7.00 / Pack



Flexi-Filter Pads for
Advantage Respirators P100
Pack = 2 pcs
Order no. M74-1946-U0
\$ 14.00 / Pack



MSA Advantage Cartridge
GME-P100
Pack = 2 pcs
Order no. M74-1955-U0
\$ 43.00 / Pack



Advantage Respirator Low-
profile Cartridges P100
Pack = 2 pcs
Order no. M74-1944-U0
\$ 17.00 / Pack

Model	Manufacturer Name	UOM	Order number*	Price / Pack
Particulate Filter P100	3M	2/PK	M74-1921-U0	\$ 5.00
Advanced Particulate Filters P100	3M	2/PK	M74-0942-U0	\$ 9.00
Particulate Filter P100 w/ NuisanceLevel Organic Vapor* Relief & OzoneProtection	3M	2/PK	M74-1922-U0	\$ 7.00
Advantage Cartridge GME-P100	MSA	2/PK	M74-1955-U0	\$ 43.00
GME multi-gas cartridges	MSA	1/PK	M74-1958-U0	\$ 25.00
GMA/P100 OV cartridges	MSA	1/PK	M74-1957-U0	\$ 42.00
Cartridge GMA-P100 PKG.6	MSA	6/PK	M74-1945-U0	\$ 165.00
P100 low-profile cartridge	MSA	2/PK	M74-1944-U0	\$ 17.00
Flexi-Filter Pads for Advantage Respirators P100	MSA	2/PK	M74-1946-U0	\$ 14.00
Flexi-Filter Pads for Advantage Respirators P100/OV/O3 F	MSA	1/PK	M74-1947-U0	\$ 19.00

*More filter options available online

KleenGuard A20 Breathable Particle Protection Coveralls

- Designed to protect against dirt, grime and dust and are made with breathable Microforce barrier fabric
- Reflex Coverall Design offers excellent fit and freedom of movement
- Passes NFPA 99 for antistatic (anti stat) materials
- Meet the EPA Agricultural Worker Protection Standard (WPS) requirements

Model	A20	
Description	Collar, Elastic Wrists, Ankles & Back	
Post Color	White	Blue
Quantity per Pack	20	24
Order number* 3XL	M74-0935-U0	M74-0938-U0
Price / Pack	\$ 166.00	\$ 151.00

*More sizes available online

Pack = 24 pcs
KleenGuard A20
coveralls, blue
Order no. M74-0938-U0
\$ 151.00 / Pack



KleenGuard A30 Breathable Splash and Particle Protection Coveralls

- Designed to protect against dirt, grime and light splashes and are made with breathable Microforce barrier fabric
- Features an intricate web of micro-fibers that filter out many water-based liquids and dry particulates
- Reflex Coverall Design offers excellent fit and freedom of movement
- Passes NFPA 99 for antistatic (anti stat) materials



Pack = 25 pcs
KleenGuard A30 coveralls
Order no. M74-0936-U0
\$ 187.00 / Pack

KleenGuard A40 Liquid and Particle Protection Coveralls

- Made to keep out debris, dry particulates and liquid splashes
- Made of microporous film laminate with a hood, zipper front and elastic wrists and ankles
- Passes NFPA 99 criteria for antistatic materials



Pack = 25 pcs
KleenGuard A40 coveralls
Order no. M74-0937-U0
\$ 205.00 / Pack

Model*	A30
Description	Elastic Wrists, Ankles & Back
Post Color	White
Quantity per Pack	25
Order number XL	M74-0936-U0
Price / Pack	\$ 187.00
Order number 2XL	M74-2016-U0
Price / Pack	\$ 194.00

*More sizes available online

Model*	A40
Description	Hood, Elastic Wrists & Ankles
Post Color	White
Quantity per Pack	25
Order number XL	M74-0937-U0
Price / Pack	\$ 205.00
Order number 2XL	M74-2017-U0
Price / Pack	\$ 186.00
Order number 3XL	M74-2015-U0
Price / Pack	\$ 196.00

*More sizes available online

DuPont™ Tyvek® 400 Coveralls

- Provides an effective barrier for dry, small particles, even after abrasion, with an ideal balance of protection, durability and comfort
- Flashspun high-density polyethylene substrate provides comfortable, inherent barrier protection against hazardous dry particles and light non-hazardous liquid splash
- Proprietary comfort-fit design offers greater range of movement and increased worker comfort
- Features serged seams and nylon zipper

Version	Collar, Open Wrists & Ankles	Collar, Elastic Wrists & Ankles	Hood, Elastic Wrists & Ankles	Hood, Elastic Wrists & Ankles and Boots
Quantity per Pack	25	25	25	25
Order number* L	M74-2003-U0	M74-2011-U0	M74-2010-U0	M74-0931-U0
Price / Pack	\$ 203.00	\$ 230.00	\$ 246.00	\$ 250.00
Order number* XL	M74-2000-U0	M74-2009-U0	M74-2004-U0	M74-0932-U0
Price / Pack	\$ 203.00	\$ 230.00	\$ 246.00	\$ 250.00
Order number* 2XL	M74-2002-U0	M74-2008-U0	M74-2001-U0	M74-0933-U0
Price / Pack	\$ 215.00	\$ 243.00	\$ 261.00	\$ 265.00
Order number* 3XL	M74-2007-U0	M74-2012-U0	M74-2006-U0	M74-0934-U0
Price / Pack	\$ 228.00	\$ 258.00	\$ 276.00	\$ 281.00

*More sizes available online



Pack = 25 pcs
DuPont™ Tyvek® 400 Coveralls
Order no. M74-2007-U0
\$ 228.00 / Pack



Pack = 25 pcs
DuPont™ Tyvek® 400 Coveralls
Order no. M74-2001-U0
\$ 261.00 / Pack

DuPont™ Tychem® 4000 Coveralls

- Made from lightweight Tyvek® laminated to chemical-resistant Saranex™ 23P film
- Provides protection against a broad spectrum of chemicals, hazardous particles and liquids
- Strong fabric reduces risk of tears and abrasions. Zipper front with storm flap. White



	DuPont™ Tychem® 4000 Coveralls
Quantity per Pack	6
Order number M	M74-2024-U0
Price / Pack	\$ 391.00
Order number L	M74-2025-U0
Price / Pack	\$ 391.00
Order number XL	M74-2026-U0
Price / Pack	\$ 391.00
Order number 2XL	M74-2027-U0
Price / Pack	\$ 415.00
Order number 3XL	M74-2028-U0
Price / Pack	\$ 440.00

Pack = 6 pcs
DuPont™ Tychem® 4000 Coveralls
Order no. M74-2028-U0
\$ 440.00 / Pack

DuPont™ Tyvek® 500 HV Collared Coveralls

- Available in fluorescent orange with silver grey retroreflective bands for day and night visibility
- Robust yet lightweight
- Mandarin collar, elasticated wrists and ankles as well as glued-in waist elastic
- Ample crotch area for freedom of movement. Large, easy-to grasp zipper puller
- Providing an ideal balance of protection, durability and comfort
- They offer an excellent barrier against fine particles and fibers, are ultra-low linting and antistatically treated on the inside
- Stitched external seams



	DuPont™ Tyvek® 500 HV Coveralls
Quantity per Pack	25/cs
Order number S	M74-2018-U0
Order number M	M74-2019-U0
Order number L	M74-2020-U0
Order number XL	M74-2021-U0
Order number 2XL	M74-2022-U0
Order number 3XL	M74-2023-U0
Price / Pack	\$ 378.00

Pack = 25 pcs
DuPont™ Tyvek® 500 HV Collared Coveralls
Order no. M74-2018-U0
\$ 378.00 / Pack

When working from heights, such as ladders, scaffolds, and roofs, employers must plan projects to ensure that the job is done safely. Visit www.osha.gov for complete details and regulation requirements.



Delta™ Vest Style Harnesses,
Order no. M74-1967-U0, \$ 213.00

Delta™ Vest Style Harnesses

- No-tangle design
- Stand-up back D-ring
- Tongue buckle leg straps
- Repel™ webbing
- Meets or exceeds ANSI Z359.1, ANSI A10.14 and OSHA standards
- Because they are constructed from polyester webbing our harnesses offer better resistance to sunlight and chemical degradation



3M Rebel 50' Self Retracting Lifeline,
Order no. M74-1973-U0, \$ 1,099.00

3M Rebel 50' Self Retracting Lifeline

- Rugged, lightweight thermoplastic housing
- Stackable housing design
- Built-in carrying handle
- 33 ft. (10m) 3/16" (5mm) stainless steel cable lifeline
- Swiveling self-locking snap hook with impact indicator
- Speed sensing all metal brake system
- Internal energy absorption system
- Reserve lifeline system
- Side lifeline exit with ergonomic handle
- High strength, corrosion resistant components
- Swiveling anchorage point
- Self-locking anchorage carabiner

Titan II Tubular Shock-Absorbing Lanyards

The Miller Titan™ II line of lanyards is economical and features hi-viz color for increased worksite safety.

- Lightweight, durable 6' webbing
- With built-in, woven inner core that smoothly expands to reduce fall arrest forces, while outer jacket serves as a backup web lanyard
- Meets all applicable OSHA, ANSI and CSA requirements
- Comply with ANSI Z359 standard



from \$ 59.00

Lanyard, Order no. M74-2992-U0

Lanyard, Order no. M74-2994-U0

	Order number	Price / Item(s)
Lanyards, single leg w/ snap hooks & rebar hook	M74-2991-U0	\$ 95.00
Lanyards, single leg w/ snap hooks both ends	M74-2992-U0	\$ 59.00
Lanyards, twin leg w/ snap hooks & rebar hook	M74-2993-U0	\$ 131.00
Lanyards, twin leg w/ snap hooks all ends	M74-2994-U0	\$ 111.00

Titan II Non-Stretch Harnesses

- Offers enhanced adjustability, improved comfort and increased worksite safety.
- Constructed with lightweight, durable, hi-viz webbing; fully adjustable full-body harness has slip-resistant back D-ring pad and forward positioned side D-rings - keeping your tool bags in the right place, mating-buckle chest, friction-buckle shoulder straps and sub-pelvic strap
- Oversized ID tags provide quick and easy harness size identification
- Universal size is L/XL. Rated at 400 lbs
- Meets all applicable OSHA, ANSI and CSA requirements

	Order number	Price / Item(s)
Back D-ring & mating-buckle legs	M74-2983-U0	\$ 74.00
Back D-ring & mating-buckle legs, w/out shoulder buckle	M74-2984-U0	\$ 70.00
Back D-ring & tongue-buckle legs	M74-2985-U0	\$ 37.00
Back & side D-rings & mating-buckle legs	M74-2980-U0	\$ 90.00
Back & side D-rings & tongue-buckle legs	M74-2981-U0	\$ 99.00
Back & side D-rings & tongue-buckle legs, soulder/waist padding&remov.tool belt	M74-2982-U0	\$ 176.00
Front, back & side D-rings & mating-buckle legs	M74-2986-U0	\$ 107.00



Harnesses with back&side D-ring&tongue-buckle legs, soulder/waist padding&remov.tool belt, Order no. M74-2982-U0



Harnesses w/ back & side D-ring & tongue-buckle legs, Order no. M74-2981-U0



Harnesses with back & side D-ring & mating-buckle legs, Order no. M74-2980-U0

MSA Gravity Harness

- Curvilinear system provides total comfort. Integral belt and saddle assist with support, position, restraint and climb movements
- Teflon® fabric protected webbing resists water, oil, grease and dirt
- Uses a special urethane web coating to resist stains and wear and tear that are common when working in dirty environments
- Rated to a 400-lb./180 kg capacity
- Includes load-indicator to alert when the harness has been involved in a fall event
- Meets all applicable OSHA, ANSI and CSA standards and requirements, including ANSI Z359.1



MSA Gravity Harness Coated w/ back & hip D-rings & tongue-buckle legs, Order no. M74-1983-U0, \$ 425.00

MSA Workman Arc Flash Harnesses

- Designed to protect a worker during a fall after an arc-flash exposure at 40 cal/ cm²
- Durable nylon material will not melt or drip in the event of an arc flash
- Features steel back D-ring; Y-shaped D-locator pad that keeps torso straps off of the user's neck to prevent chafing; and Velcro® lanyard keepers for lanyard stowage when not in use
- Arc Flash symbol for easy identification
- Meets ANSI Z359.1, ASTM F887, OSHA 1910.269 and CSA Z259.10 requirements



MSA Workman Arc Flash Harnesses w/ Qwik-Fit leg straps, Order no. M74-1987-U0, \$ 182.00

MSA Workman Arc Flash Harnesses w/ tongue-buckle leg straps, Order no. M74-1988-U0, \$ 200.00

MSA Workman Construction Harness

- Vest style harness with back and hip D-rings for work positioning
- Features abrasion-resistant, durable yellow polyester webbing for high visibility, lightweight components, integral back pad, removable tongue-buckle tool belt, tongue-buckle leg straps, shoulder pads and web retainer collars
- Meets all applicable OSHA, ANSI and CSA standards and requirements, including ANSI Z359.1-2007 and A10.32 and CSA Z259.10-06



MSA Workman Construction Harness, Order no. M74-1989-U0, \$ 175.00

New Generation of Spill Pallets with the experience of over 25 years these Spill Pallets provide high functionality and heavy duty construction for longlife use at any job site.

- Safe storage of hazardous materials like oils, coolants, acids, caustics, and other aggressive liquids
 - Modern Design in combination with high functionality
 - Rugged Construction provides impact and shock resistance even under high temperature conditions
 - Secure Storage - Sumps are 100% tested and 100% guaranteed leak-free
- Completely sealed, seamlessly processed, 100% liquid-tight
 - Four-way forkliftable
 - Rust-free and easy to clean
 - Compliant Sump volumes meet EPA, OSHA, NFPA, UFC and other regulations



Poly Safe Spill Pallet with galvanneal grating, for 4 Drums, Order no. K22-1506-U0



Poly Safe Spill Pallet for 4 Drums, Order no. K22-1505-U0

from \$ 163.00



Poly Safe Spill Pallet with galvanneal grating, for 4 Drums, Order no. K22-1507-U0

Suitable for	4 Drums	4 Drums	4 Drums
Version	Without Grating	Galvanized Grating	Polyethylene Grating
External Dimensions W x D x H [in]	52.4 x 52.4 x 11.6	52.4 x 52.4 x 11.6	52.4 x 52.4 x 12.6
Sump Capacity [gal]	66	66	66
Total Load Capacity [lbs]	3,530	3,530	3,530
Shipping Weight	82	129	134
Order number	K22-1505-U0	K22-1506-U0	K22-1507-U0
Price / Item(s)	\$ 163.00	\$ 245.00	\$ 292.00



Hazmat Manual – A Basic Guide for the Handling and Storage of Flammable Chemicals

Everything you need to know about:

- Definitions
- Storage of Flammable Liquids in Quantities Exceeding 120 gal (460L)
- Storage of Organic Peroxides
- Electrical Requirements for Chemical Storage and Dispensing
- Chemical Spill Containment Requirements
- Storage of Compressed Gases in Storage Structures
- Storage of Compressed Gases in Storage Structures
- Third Party Approvals



Guidance and information for using, handling and storing Hazardous and Flammable Chemicals in accordance with the U.S. Guidelines and Regulations.

This document is intended as a guide to the vast array of regulations concerning the storage and handling of flammable and combustible chemicals. As regulations and their interpretations change over time, your local Authority Having Jurisdiction (AHJ) should always be consulted when considering storing hazardous materials inside or outside your facility.

These next few paragraphs will provide brief insight to help you understand some of the fundamental parts of the Code of Federal Regulations, Title 29, Parts 1900 to 1910.999, and the Occupational Health and Safety Act of 1970 regarding the external storage of flammable liquids. In addition, data has been taken from the National Fire Protection Association's NFPA 30 "Flammable and Combustible Liquids Code", the 2010 edition of the "International Building Code" and the 2009 edition of the "International Fire Code."

National / International Authorities

- International Fire Code (IFC)
- International Building Code (IBC)
- Code of Federal Regulations (CFR)
- Environmental Protection Act (EPA)
- National Fire Protection Assn (NFPA)
- Uniform Fire Code (UFC)
- Uniform Building Code (UBC)



Definitions

It is critical to understand the uniform system of defining and classifying flammable and combustible liquids and why it is important to take the necessary precautions to provide the correct methods of storage.

Authority Having Jurisdiction (AHJ)

An organization, office or individual responsible for enforcing code requirements or standards.

Auto-Ignition Temperature

The minimum temperature at or above which a material will spontaneously ignite (catch fire) without an external spark or flame. See following Table:

Auto-Ignition Temperatures for Some Common Chemicals or Fuels		
Chemical or Fuel	Temperature	
	°C	°F
Acetone	465	869
Benzene	560	1,040
Diethyl Ether	160	320
Ethylene	490	914
Ethyl Alcohol	365	689
Fuel Oil No. 2	256	494
Gasoline	280	536
Kerosene	210	410
Isopropyl Alcohol	399	750
Methyl Alcohol	385	725
Propane	480	896
Toluene	480	896
Xylene	463	867

Boiling Point

The temperature at which the vapor pressure of a liquid equals the surrounding atmospheric pressure.

Flash Point

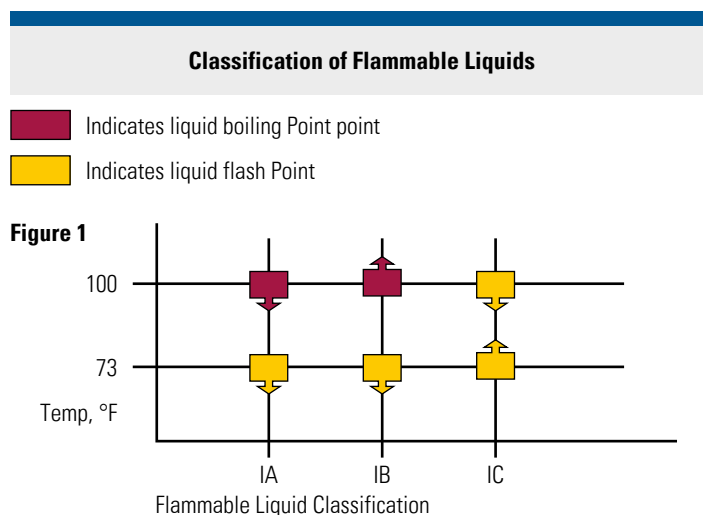
The minimum temperature of a liquid at which sufficient vapor is given off to form an ignitable mixture with air near the surface of the liquid.

Flammable Liquid

Any liquid that has a flash point below 100° F (37.8° C).

Flammable liquids are classified as Class I liquids with further sub-classification per the following and as shown in Figure 1:

- Class IA – Any liquid that has a flash point below 73° F (22.8° C) and a boiling point below 100° F (37.8° C). Examples of this class are Ethyl Ether and Pentane.
- Class IB – Any liquid that has a flash point below 73° F (22.8° C) and a boiling point at or above 100° F (37.8° C). Examples of this class are Gasoline and MEK.
- Class IC – Any liquid that has a flash point at or above 73° F (22.8° C) but below 100° F (37.8° C). Examples of this class are Xylene and Turpentine.



Hazmat Manual - A Basic Guide for the Handling and Storage of Flammable Chemicals

Definitions

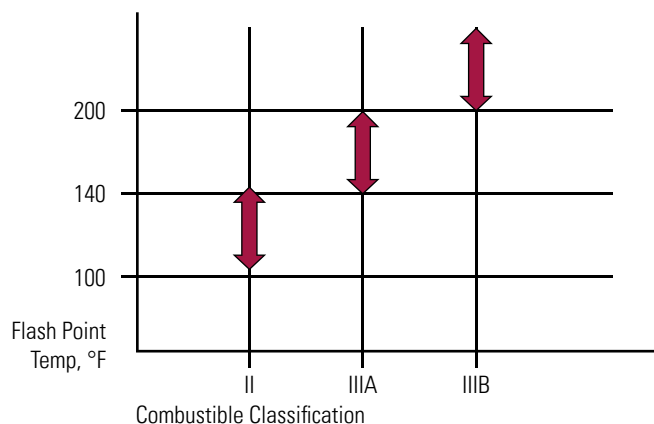
Combustible Liquid

Any liquid that has a flash point at or above 100° F (37.8° C).

Combustible liquids are classified per the following and as shown in Figure 2:

- **Class II** – Any liquid that has a flash point at or above 100° F (37.8° C) and below 140° F (60° C). Examples of this class are Kerosene and Oil-Based paints.
- **Class III** – Any liquid that has a flash point above 140° F (60° C)
 - Class IIIA Liquid – Any liquid that has a flash point at or above 140° F (60° C), but below 200° F (93° C). An example of this is Mineral Spirits.
 - [1] Class IIIB Liquid – Any liquid that has a flash point at or above 200° F (93° C). Examples of this class are Hydraulic Brake/Transmission fluids and
 - [2] lube oils.

Figure 2



Flammable Range (Explosive Range)

The range of a concentration of a gas or vapor that will burn (or explode) if an ignition source is introduced.

MAQ (Maximum Allowable Quantity)

The maximum quantity of flammable or combustible liquids allowed to be stored in a given occupancy. The MAQ varies per the occupancy class and the fire protection systems available. But in general it begins at 120 gallons of liquid.

Control Area

Defined in NFPA 30, Section 9.7 and generally defined as follows:

- [1] A building or portion of a building within which flammable and combustible liquids are allowed to be stored, dispensed and used or handled in quantities of liquids that do not exceed those listed in NFPA 30 Table 9.6.1 or Table 9.6.2 for all liquid Classes I, II and III.
- [2] An area separated from each other by fire barriers per NFPA Table 9.7.2.

"H" Occupancy

Occupancy where the quantity of flammable liquid or other hazardous material stored exceeds the MAQ. Storing quantities above MAQ generally makes the occupancy a "hazardous occupancy" (H1-H5).

Most DENIOS Lockers, Non-Occupancy Buildings and "walk in" style Occupancy Buildings fall into these two categories:

- **H-2** – Class I, II or IIIA flammable or combustible liquids which are used or stored in NORMALLY OPEN containers or systems, or in closed containers pressured at more than 15 psig.
- **H-3** – Class I, II or IIIA flammable or combustible liquids which are used or stored in NORMALLY CLOSED containers or



4 drum locker with fire rated construction for storage of flammable liquid chemicals.

Storage of Flammable Liquids in Quantities Exceeding 120 gal (460L)

The storing of Class I, II and IIIA liquids in individual containers shall meet all the applicable requirements of NFPA 30.

Where the quantity of flammable or combustible liquids stored exceeds the MAQ, the material must be separated from the rest of the occupancy either by distance or by fire rated walls. DENIOS Lockers, Non-Occupancy Buildings and "walk in" style Occupancy Buildings are designed for this purpose.

Table 2 adjacent is designed to provide general guidance as to separation distances relative to required fire ratings. It should be used as a guideline, however, the applicable local code and the local code enforcement officials should be consulted before placing any chemical storage structure.

Table 2

Minimum Separation Distance from Storage Structure to Property Line or other Important Building	
Fire Rating (hrs)	Distance (ft)
4	0
2	10
0	30

Storage of Flammable Liquids in Chemical Storage Structures Inside an Existing Building

When flammable or combustible liquids are stored in a chemical storage structure that is less than 500 ft² and is located inside of an existing structure, the chemical storage structure is classified as a Liquid Storage Room and must meet the requirements prescribed for same including the fire ratings in Table 2 above.

Ventilation

Chemical storage structures used for storing combustible and flammable liquids should be ventilated. The ventilation method can be either passive (natural) or mechanical (forced). When flammable or combustible liquids are being dispensed, creating vapors, then mechanical ventilation should be provided at a rate not less than 1 cu ft/min of floor area with a minimum of 150 sq ft/min.

When designing ventilation systems, be aware of the specific gravity of the actual gas/vapor. In most cases air should be drawn from a location within 12-18" of the floor as the majority of flammable liquids give off vapors that are heavier than air.

Deflagration control

Where flammable liquids are dispensed, deflagration panels or control should be provided. Where deflagration panels are provided, the exterior wall containing the panels should be a minimum of 30 feet from another building and the area adjacent to the panels should be kept clear of pedestrian traffic for 30 feet as well.

Deflagration panels may not be vented to the interior of a structure and should be directed out special shafts to the exterior or positioned on an exterior wall.

Explosion prevention systems can be provided which include LEL detectors, multiple fans and associated controls to maintain the vapor level at or below 25% of the Lower Explosive Limit (LEL).

Storage of Organic Peroxides

Organic Peroxides present special challenges for storage and handling as they are temperature sensitive and can combust spontaneously if they reach certain temperatures unique to each material.

Self Accelerating Decomposition Temperature

Organic Peroxides decompose at various temperatures giving off heat that can cause or contribute to a fire. This temperature is called Self Accelerating Decomposition Temperature, or SADT, and can be anywhere between 14°F to 392°F depending upon the material. At the SADT, the heat lost to surroundings is surpassed by the heat generated and the temperature of the material begins to rise.

The rate of decomposition increases as the temperature increases and may reach a point where it is so rapid that large quantities of heat are produced which further increase the rate. In addition to producing heat, the decomposition process can cause pressure buildup. If allowed to continue, it may become uncontrollable, leading to fire or combustion. Copious amounts of water are required when fighting organic peroxides on fire in order to cool the material back below its SADT to stop the acceleration and then extinguish the fire.

Control Temperature

Another important temperature is the CT or Control Temperature. This is the temperature at which the material can be stored or transported over a long periods of time. This temperature varies between 32 and 68 °F less than the SADT depending upon the SADT.

- $CT = SADT - 4^{\circ}F$ if $SADT < 68^{\circ}F$
- $CT = SADT - 5^{\circ}F$ if $SADT > 68^{\circ}F$ but $< 95^{\circ}F$
- $CT = SADT - 14^{\circ}F$ if $SADT > 95^{\circ}F$ but $< 122^{\circ}F$
- If $SADT > 122^{\circ}F$ then there is no CT.

The CT can also be thought of as the alarm temperature when storing the given material. Since it is well below the SADT it may be exceeded for short time periods due to maintenance or until alternative cooling methods are available. Still another temperature may come in to play. That is the recommended storage temperature from the manufacturer of the material. This may be even lower than the CT to prevent the material from degrading, decreasing its usefulness.

Thus the key to managing organic peroxides is temperature. If they are maintained at the appropriate temperature in accordance with the manufacturer's instructions, they can be handled and stored safely.



Redundant cooling system ensures temperature stability should primary system fail.

Proper Storage of Organic Peroxides

Storage areas for organic peroxides must also be separated from other chemicals including flammables, oxidizers, acids and alkalis by a minimum of 25 feet or a liquid tight one hour fire barrier. Class I (see definitions below) peroxides provide extra challenges as they are considered explosive. Deflagration panels and special building reinforcement are called for when storing these materials. Areas where organic peroxides are stored should be electrically classified as CL I Div 1 or Div 2 as designated by NFPA 400.

In addition controls on the refrigeration system should include over temperature alarms (usually set at the Control Temperature) and a smoke or heat detector to notify the appropriate response of a problem in the storage area. Redundant temperature control equipment or approved alternate means should be available in the event of equipment failure. Standby or emergency power should also be considered per NFPA 400.

Organic Peroxides by Definition

Organic Peroxides are divided into five classes by NFPA 400 Chapter 14 for storage, firefighting and safety reasons.

Class I is the most dangerous class of Organic Peroxides and describes those materials that present a hazard of deflagration through rapid explosive decomposition. Such materials are safe only under strictly controlled temperatures. Dibenzoyl peroxide 98% is one such material.

Class II formulations present a fire hazard similar to Class I flammable liquids such as acetone or toluene.

Class III formulations burn rapidly and present a moderate reactivity hazard. They are similar to combustible liquids such as #2 fuel oil.

Class IV describes those formulations that burn in a manner similar to ordinary combustibles. These fires are easily controlled.

Class V materials burn with less intensity than ordinary combustibles and do not present a severe fire hazard.



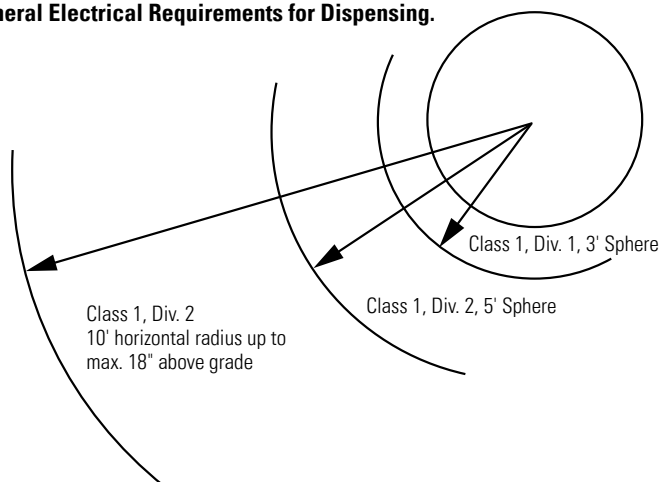
Class 1 Organic Peroxide Storage Enclosures can require deflagration panels due to the explosive hazards of the material stored.

Electrical Requirements for Chemical Storage and Dispensing

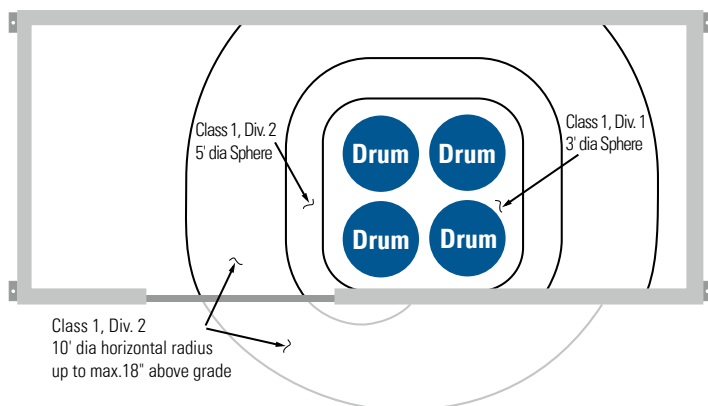
Where hazardous chemicals are stored or dispensed, special electrical requirements apply. In general for "storage only" applications where vapors may be present only in the case of a spill, the electrical classification of Class 1, Division 2 is acceptable.

In cases where dispensing of flammable liquids is taking place, the electrical requirements vary according to the distance from the point of dispensing (where the vapors are created). The diagrams below illustrate the requirements. A sphere is created around the dispensing point with a radius of 3'. Class 1, division 1 electrical requirements prevail within the sphere. A second sphere is created around the dispensing point with a radius of 5'. Everything within this sphere and outside of the 3' radius sphere is required to be class 1, Division 2. An area from the floor up to 18" above the floor and extending 10' in all directions is further included in the Class 1, Division 2 area. These principles are illustrated in the sketches below.

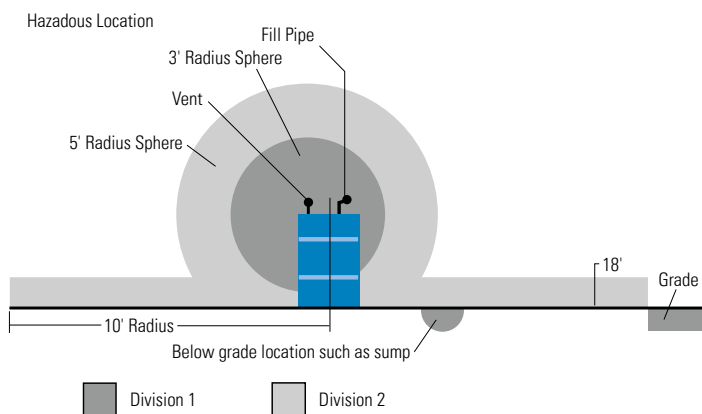
General Electrical Requirements for Dispensing.



Plan view of typical dispensing location and electrical requirements.



Elevation view of electrical requirements for dispensing.



Heating of Flammable and Combustible Liquids

Heating of flammable and combustible liquids is sometimes required to prevent freezing, manage viscosity, or condition the material for process use. Heaters used for this purpose should be explosion proof electric, steam, heated liquid or other system. Where explosion proof electric heaters are used, their set temperature is limited to 104° F by the NEC (National Electrical Code).

Explosion Proof Heaters (and other electrical appliances) should be chosen by their temperature classification, which should always be lower than the lowest auto-ignition temperature of all of the materials being stored. The table below shows the various temperature ratings available and their "T" number.

Temperature Ratings for Class I and Class II Heaters

Maximum Degrees (°C)	Temperature Degrees (°F)	Identification "T" Number
450	842	T1
300	572	T2
280	536	T2A
260	500	T2B
230	446	T2C
215	419	T2D
200	392	T3
180	356	T3A
165	329	T3B
160	320	T3C
135	275	T4
120	248	T4A
100	212	T5
85	185	T6

Chemical Spill Containment Requirements

Secondary Containment

Containment is described in the Fire Code, Flammable Liquids Code and the Code of Federal Regulations (CFR). In general the capacity of the containment must be 10% of the aggregate liquid volume stored or the volume of the largest container stored whichever is larger.

Where the storage is indoors and a sprinkler system is in place, the containment may be required to contain the above mentioned volume plus the volume discharged by the sprinkler system for 20 minutes. Local jurisdictions and third party certifiers may have more stringent requirements.



Flammable Cabinet sump provides added capacity bringing the system into spill compliance.

Storage of Flammable Liquids in Quantities not exceeding 120 gal (460L)

For this application, a flammable liquids storage cabinet as approved or listed by a recognized third party agency or constructed per NFPA 30 will suffice. The Local Authority Having Jurisdiction should be consulted regarding the number of cabinets allowed per control area (see definition above).

DENIOS' HAZMATTER: Typically, flammable liquids storage cabinets are designed to have a sump or spill containment volume of 5 gallons which is based upon storage of typical containers having a volume of 5 gallons or less. However, some of these cabinets are designed to store (2) 55 gallon drums (still within the 120 gallon limit) and DENIOS believes that these cabinets should be compliant under EPA and UFC regulations. Therefore, DENIOS offers a Flammable cabinet Sump that can be added to the Flammable cabinets bringing the complete system into EPA and UFC compliance.

Make sure to consult your local Authority Having Jurisdiction (AHJ).



All DENIOS Non-Occupancy Buildings, Occupancy Buildings, and lockers provide compliant secondary containment sumps below a grated surface.

Definitions:

Flammable Gas

A material that is a gas at 68°F or less at 14.7 psia, that is ignitable at 14.7 psia when in a mixture of 13% or less by volume with air, or that has a flammable range at 14.7 psia with air of at least 12% regardless of LFL.

Corrosive Gas

A gas that causes visible destruction of or irreversible alterations in living tissue by chemical action at the site of contact.

Pyrophoric Gas

A gas with an auto-ignition temperature in air at or below 130°F. Refer to NFPA 55 standard for the installation, storage, use and handling of compressed gases in portable or stationary cylinders. Compressed gas containers, cylinders and tanks in use or in storage shall be secured to prevent them from falling or being knocked over.

All tank valves shall be protected from physical damage by means of protective caps or similar devices.

Cylinders, containers and tanks containing liquid, flammable gases shall be stored in an upright position unless container capacity is 1.3 gal (5L) or less in which case horizontal stored position is allowed.

Where the quantities of compressed gases stored or used within an indoor control area exceed that shown in the following Table 3, the area shall require special provisions.

The special provisions include meeting requirements for Protection Level 1 through 5 in accordance with the building code and based on the hazard class of material involved. The values in the table are maximum quantities per control area. When multiple control areas are required, they must be separated by not less than a 1-hour fire-resistive separation. In addition, the number and design of control areas must be in accordance with the International Building Code Section 414 and Table 414.2.2 and the local AHJ.

Detached buildings for storing compressed gases are required when quantities of materials exceed the amounts shown in the following table 4:

Table 4

Minimum Material Allowable Quantities Requiring Detached Buildings		
Gas	Class	Quantity of Material m ³ (ft ³)
Unstable Reactive (Detonable)	4 or 3	Quantity thresholds for gases requiring special provisions
Unstable Reactive (Nondetonable)	3	57 (2000)
	2	283 (3000)
Pyrophoric Gas	N/A	57 (2000)

Table 3

Quantity Thresholds for Gases Requiring Special Provisions				
Material	Unsprinklered Areas		Sprinklered Areas	
	No Gas Cabinet, Gas Room or Exhausted Enclosure	Gas Cabinet, Gas Room or Exhausted Enclosure	No Gas Cabinet, Gas Room or Exhausted Enclosure	Gas Cabinet, Gas Room or Exhausted Enclosure
Flammable Gas	30 lb	60 lb	60 lb	120 Lb
Liquified Nonliquified	1,000 ft ³	2,000 ft ³	2,000 ft ³	4,000 ft ³
Oxidizing Gas	30 lb	60 lb	60 lb	120 Lb
Liquified Nonliquified	1,500 ft ³	3,000 ft ³	3,000 ft ³	6,000 ft ³
Pyrophoric Gas	0 lb	0 lb	4 lb	8 lb
Liquified Nonliquified	0 ft ³	0 ft ³	50 ft ³	100 ft ³

Outdoor storage for Corrosive Gases shall not be within 20 ft (6m) of other structures unless it has a 2-hour fire barrier in which case shall be permitted in lieu of the 20 ft (6m) requirement.

The 2-hour fire barrier shall be designed per requirements of NFPA 55 and local codes.

Outdoor storage buildings for Flammable Gases shall be located in accordance with Table 7.6.2.

If the building has a minimum 2-hour fire rating interrupting the line of sight between the container and exposure, then the minimum required distance is 5 ft (1.5m).

NFPA Table 7.6.2

Distance from Storage to Exposures for Flammable Gases		
Average Quantity per Storage Area	Minimum Distances to Buildings, Storage Areas or Property Lines	
ft ³	m	ft
0 - 4,225	1.5	5
4,226 - 21,125	3	10
21,126 - 50,700	4.5	15
50,701 - 84,500	6	20
84,501 or >	7.5	25

NFPA Table 7.7.2

Distance from Storage to Exposures for Flammable Gases		
Average Quantity per Storage Area	Minimum Distances to Buildings, Storage Areas or Property Lines	
ft ³	m	ft
0 - 4,225	1.5	5
4,226 - 21,125	3	10
21,126 - 50,700	4.5	15
50,701 - 84,500	6	20
84,501 or >	7.5	25

Outdoor storage buildings for Oxidizing Gases shall be located in accordance with Table 7.7.2.

If the building has a minimum 2-hour fire rating interrupting the line of sight between the container and exposure, then the minimum required distance is 5 ft (1.5m).

Outdoor storage buildings for Pyrophoric Gases shall be located in accordance with Table 7.8.3.

If the building has a minimum 2-hour fire rating interrupting the line of sight between the container and exposure, then the minimum required distance is 5 ft (1.5m).

Pyrophoric gases have auto ignition temperatures at or below 130°F. Some typical examples of pyrophoric gases are Silane, Diborane or Arsine.



DENIOS Gas Cylinder storage structure utilizing 2-hr fire rated walls.

NFPA Table 7.8.3

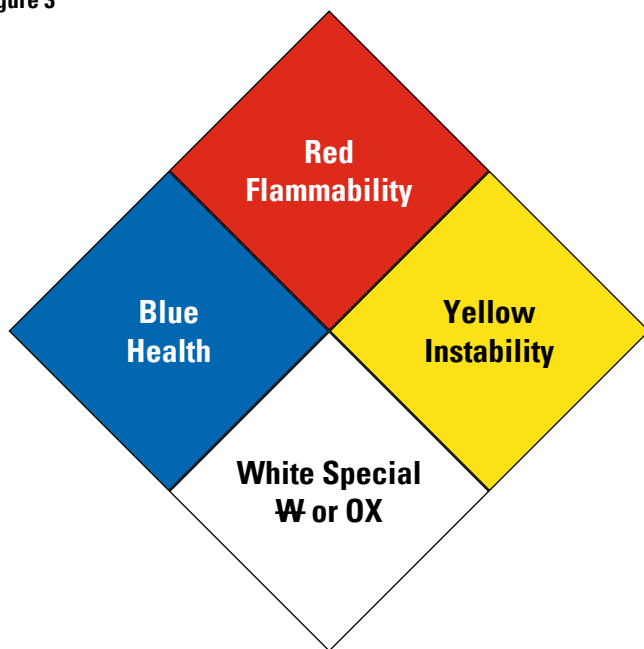
Distance from Storage to Exposures for Pyrophoric Gases				
Maximum Gas Quantity per Storage Area (x 3.785 for L)	Minimum Distances between	Gas Non-Occupancy Building, Gas Room or Exhausted Enclosure	Minimum Distance to Buildings on Same Property and No Openings within 25 ft	
ft ³	ft	ft	2 hr	4 hr
0 - 250	5	25	0	0
250.1 - 2,500	10	50	5	0
2500.1 - 7,500	20	100	10	0

Identification of the Hazards of Materials for Emergency Response – NFPA 704

NFPA 704 standard provides a readily recognized, easily understood placard system for identifying specific hazards along with their severity using spatial, visual, and numerical methods to describe in simple terms the relative hazards of a material. It addresses the health, flammability, instability, and related hazards that may be presented as short-term, acute exposures that are most likely to occur as a result of fire, spill, or similar emergency.

The system is characterized by a “diamond shape” that is actually a “square-on-point” shape consisting of four smaller diamond shapes. It identifies the hazards of a material and the degree of severity of the health, flammability, and instability hazards. The standard identification symbol for hazards of materials is shown in Figure 3 as follows:

Figure 3



In accordance with the identification symbol, the hazards are spatially arranged with four smaller diamonds as follows: flammability at twelve o'clock position (Red), instability at three o'clock position (Yellow), special hazards at six o'clock position (White) and health at nine o'clock position (Blue).

The special hazards in use are W and Ox. W indicates unusual reactivity with water and is a caution about the use of water in either fire fighting or spill control response and Ox indicates that the material is an oxidizer.

In addition, the numerical rating system describes the relative hazards of a material based upon the hazard severity rating as indicated below:

Fire Hazard (Red)

Flash Points

4 – Class IA liquids

3 – Class IB and/or IC liquids

2 – Class II and/or IIIA liquids

1 – Class IIIB liquids

0 – Will not burn



Reactivity (Yellow)

4 – May detonate

3 – Shock and heat may detonate

2 – Violent chemical change

1 – Unstable if heated

0 – Stable



Health Hazard (Blue)

4 – Deadly

3 – Extreme danger

2 – Hazardous

1 – Slightly hazardous

0 – Normal material



Specific Hazard (White)

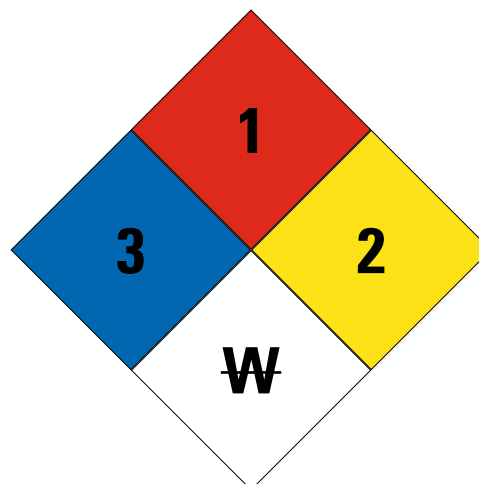
Ox – Oxidizer

W – Use no water



The NFPA 704 Placard should be placed on the exterior face of storage systems where visible to emergency responders. A typical compliant placard is shown in Figure 4 below:

Figure 4



An Overview for Safely Separating and Segregating Stored Chemicals

Whenever storing chemicals of any kind it is important to consider which chemicals can be stored together and which should definitely be separated. There are a number of schemes for separating chemicals. Some with as many as fifteen different classifications.

While this may be too complicated for most situations, it does illustrate the potential complexities in storing multiple chemicals.

As a minimum, stored chemicals should be separated into the following categories:

- I. Flammables
- II. Oxidizers
- III. Corrosives
- IV. Acids
- V. Bases
- VI. Highly Reactives (such as organic peroxides)
- VII. Extreme Toxics
- VIII. Low Hazard

While this system is simple to implement, it is important to take the actual hazards of the various chemicals into account when determining storage hierarchy. Many chemicals have multiple hazards.

The required material safety data sheet (MSDS) should be consulted to determine the most severe hazard so the correct storage location can be determined. Flammability is the first component to consider. Flammables should always be segregated from other chemicals. In addition oxidizers and water reactives should be further segregated so they would not contribute to a potential fire and so any fire with common flammables can be extinguished using common suppression methods i.e. water. Attention should also be paid to any chemicals that have temperature sensitivity either high or low. This is especially true for organic peroxides some of which become instable at normal ambient temperatures.

Corrosives should be evaluated and separated accordingly. Acids and bases should be separated.

Toxics should be evaluated more stringently. This is especially true in the case of a flammable toxic which should be isolated even within its storage area to prevent accidental release.

Some chemicals do not fit neatly into a specific class but careful review of the MSD Sheet should give sufficient information to allow a measured decision as to how to segregate each chemical being stored.



Occupancy Building with multiple door sets. Separation walls were added to segregate incompatible chemicals.

What they are and why they are important. Setting the record straight.

Third party approvals for Hazardous Material Occupancy Buildings have been around since 1991 in the form of FM class 6049. FM began approving hazardous material storage buildings with the first edition of CLASS 6049 in that year. This FM "standard" has remained the defacto standard in the US, unchallenged since that time. Manufacturers that receive FM approval have submitted their designs to a third party and then to FM for review in accordance with the standard. This includes reviewing the structural integrity including floor and snow loads in accordance with the standards and the ability of the building to withstand a specific wind which is especially important in coastal areas of the US. The standard further evaluates the integrity of fire rated walls and ceiling and certifies the stated containment sump capacity. Contrary to popular opinion, UL (Underwriters Laboratories) does not have a standard for these buildings, so no manufacturer can use the "UL listed" moniker with reference to their buildings.

A FM approved Occupancy Building should be labeled as such by the manufacturer. The text of the approval document prescribes what must be on the label. This includes place of manufacture, model no., design floor, wind and snow loads, and if applicable, the fire rating of the walls. It also includes whether the building is constructed with damage limiting construction (DLC) also known as deflagration panels, and the electrical classification and temperature classification of any and all electrical equipment installed on the building.



DENIOS' FM Approved fire rated Non-Occupancy Building.

It is important to note that, even though a manufacturer has multiple items in their approval listing, there may be variations of those products that cannot be labeled as “approved”. This is because the approval listing contains specific construction parameters and characteristics that may or may not be available in a particular model series or combination of accessories.

A third party approval is important because it sets a standard of consistent quality, performance, and construction that is guaranteed by the fact that the building carries the approval. Further, in this case of FM, periodic follow up inspections of the approved company’s manufacturing site(s) are conducted by FM engineers to assure that the approved products are being manufactured in the same manner as was initially examined. Repeated violations can result in the withdrawal of the approval. While the third party approval certifies a level of engineering, quality and construction, it does not certify a fitness for a specific use nor placement in a specific location. Suitability for use and location are best determined in consultation with your local authority having jurisdiction.

While significant, the approval should be considered a minimum acceptable standard as many manufacturers go above and beyond that required for the approval. At the same time, all FM approved manufacturers may not be equal. While the FM approved moniker denotes a specific level of manufacture for basic standard Occupancy Buildings, the manufacturer’s expertise in building the actual requirements dictated by the application should also be taken into account when evaluating a particular project. For instance, experience in building heated enclosures with specific heating mediums i.e. steam, electric or oil should be evaluated if these characteristics are requirements of the project as they are not a part of the FM approval process. Further, experience in cooled or refrigerated units should be evaluated if these features are needed in the scope of the contemplated project. These characteristics are also not contemplated by the FM Approval Process.

16 x 8 storage Occupancy Building can be engineered for the storage of chemicals or housing of chemical processes.



Other drum/IBC storage enclosures approved by FM include Lockers (left) and modular Occupancy Buildings



Looking Ahead

While everything previous to this section is factual, we'll on some conjecture on what the future holds for chemical storage.

First and foremost, the new, proposed changes to FM Global's 6049 could greatly impact indoor chemical storage. The new approval calls for:

- Provide 1-Hour Fire Rated Construction (Minimum Required)
- 25% Sump Capacity with Drain Valve
- Piping and Sprinkler Heads for Hook-Up to Plant's Fire Suppression System
- Keep All Stored Chemicals at Least Three Feet from Any Door Storage for Drums or IBC Totes
- For Loading/Unloading Purposes, the Tote Buildings Provide Roll-Up Doors and a Man Door

On its face, these new regs could be viewed as contradicting NFPA and other accepted guidelines which, for example, allow 10% sump capacity and dry chemical fire suppression systems.

Which all could prove quite problematic for FM Global customers.

Chemical storage Occupancy Building manufacturers can and, of course, will, adjust to the changes. But the impetus falls on the end-user to make certain what is going in the facility receives the approval of the Local Authority.

Again, presumably, the only structure which will satisfy both Authorities is one which will be placed outside of the facility.



Under the new 6049, building designs like this will no longer be approved for interior placement by FM due to the use of dry chemical fire suppression.

As chemical storage enclosures have advanced, industry has developed many novel approaches to storing hazardous chemicals and processes. But as the role of the enclosure goes beyond basic storage, confusion can arise as to what regulations should be followed. This is becoming particularly common with storage enclosures designed for occupancy by personnel. Building manufacturers typically lean towards NFPA, which tends to provide more detailed/in depth direction. But certain Authorities now are referencing the International Building Code (IBC)- which takes a more general viewpoint and, as such, fails to make certain distinctions in their rules (ie storage versus occupancy buildings).

Additionally, many RFQs are still citing outdated specifications.

This particularly common (and troubling) with government contracts. Recent findings have held that it is the responsibility of the supplier/manufacturer to clearly point out to the purchaser where specification will not be met and show where the alternative spec is as good or better than that shown in the RFQ. Should the supplier/manufacturer simply provide their specs in the proposal, it will not constitute disclosure should a conflict arise. The supplier/manufacturer is required to identify any off-spec instances.



As modular buildings become more sophisticated and customized to address hazardous chemical processing applications while exposing personnel to dangerous environments, conflicts and contradictions between governing codes and inconsistent application by local authorities are becoming more common.

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