

Fill Plant Supplies

*Ratermann
Manufacturing, Inc.
carries a variety
of products for
specialty, industrial
and medical gases.*



INDEX

Fill Plant Supplies

- Caps
 - Locking Caps **8A-6**
 - Acetylene **8A-6**
 - High Pressure **8A-6**
- Cylinder Bump Band
 - Heavy Duty Industrial **8A-10**
- Cylinder Inspection Kit **8A-10**
- Cylinder Netting **8A-8**
- Cylinder Paint
 - Paint **8A-14**
 - Rollers & Accessories **8A-15**
- Cylinder Shrink Wrap
 - Full Body **8A-9**
 - Medical **8A-9**
 - Aluminum or Steel **8A-9**
 - Cyl-Wrap Machine **8A-9**
- Cylinder Test Results Pouch
 - Heavy Duty **8A-12**
 - Pull Over / Resealable **8A-12**
 - Dewar Cert **8A-12**
 - Economy **8A-12**
- Cylinder Valving I.D.
 - Custom Imprint **8A-11**
 - Cylinder-Threaded Plastic Plug **8A-11**
- Custom Valve Shrink Wrap
 - Custom Imprint **8A-4**
 - In Stock Custom Imprint **8A-5**
- High Pressure Cylinder Caps
 - Caps **8A-7**
 - Valve Cap Wrench **8A-7**
 - Fast Cap Tool **8A-7**
 - Cap Netting **8A-7**
- Industrial Valves Safety Relief . **8A-16**
- Pouches
 - Economy **8A-13**
 - Inserts **8A-13**
- Siphon Tubes **8A-16**
- Teflon Tape & Paste **8A-10**
- Vacuum Pump Oils & Grease
 - Krytox **8A-2**
 - All Purpose Neutral pH
Cleaner/Degreaser **8A-2**
- Valve Leak Check **8A-13**
- Valve Leak Detector **8A-13**
- Valve Plugs
 - CGA-320, CGA-346, CGA-350,
CGA-540, CGA-580 **8A-5**
- Valve Shrink Wrap Heat Gun . . **8A-3, 4**

VACUUM PUMP OILS & GREASE

Premium Zero Flash Point Oil

Made with PFPE for Longer Pump Life

- Chemical Inert
- 100% Oxygen Compatible



Premium Zero Flash Point Krytox Oil
Light Weight Viscosity

Part #	Description	Size Container
KRY-VPF1506P	Krytox 1506	Pint
KRY-VPF1506Q	Krytox 1506	1 Quart
KRY-VPF15061G	Krytox 1506	1 Gallon

Standard Weight Viscosity

Part #	Description	Size Container
KRY-VPF1514P	Krytox 1514	Pint
KRY-VPF1514Q	Krytox 1514	1 Quart
KRY-VPF15141G	Krytox 1514	1 Gallon

One Quart = 4 Pounds

Standard Industrial Grade Vacuum Pump Oil for

Single and Two Stage Rotary Piston Vacuum Pumps and Rotary Vane Vacuum Pumps



For pumps in Oxygen service we recommend Zero Flash Point Krytox Oil.

Standard Industrial Vacuum Pump Oil

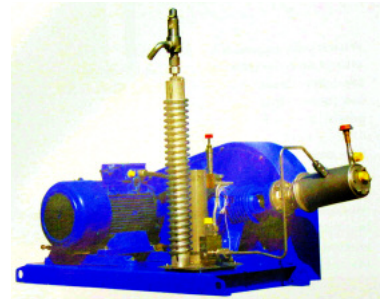
Part #	Description	Size Container
VP-Pump1G	Vacuum Pump Oil	1 Gallon

Cryo Pump Grease

- Cryostar Pumps
- ACD Cryo Pumps
- Bearings
- Krytox GPL-226 Cartridge
1.75 Pounds to a Cartridge



part # KRY-GPL226CART



for Hot and Cold Ends of Pumps



part # KRY-CARGUN

General Maintenance Oxygen Safe Grease with Anti-Corrosion Additive

Part #	Description	Size Container
KRY-GPL226CART	Grease Gun Cartridge	1.75 Lb.
KRY-CARGUN	Grease Gun H.D.	each

All Purpose Neutral pH Cleaner/Degreaser

Many locations that clean medical cylinders use this in a process for removing glue and residue.



- Environmentally friendly.
- Contains no caustics, acids, butyls or other harsh chemicals.
- Contains mal odor counteract-ant.
- USDA authorized

We have this available in 1 gallon, 5 gallon, and 55 gallon containers.



All Purpose Neutral pH Cleaner/Degreaser

Part #	Description
NGD-1G	1 Gallon Concentrate
NGD-5G	5 Gallon Concentrate
NGD-55GD	55 Gallon Drum

VALVE SHRINK WRAP



Valve Wrap – Full Imprint
Pt # SW-OF

Valve Wrap – No Imprint
Pt # SW-0



Shrink Wrap
Fits most valve sizes and CGA's.
(CGA 510, 540, 580, 320, 350 and more)



Large Valve

Part #	Description	Perforation	25+ Pkg. of 200	5+ Pkg. of 200	1+ Pkg. of 200
FULL IMPRINTED	Full Imprint-White Material	Vertical	11¢ ea. pc. 200 to a pack	15¢ ea. pc. 200 to a pack	23¢ ea. pc. 200 to a pack
SW-OFPK200	Full Imprint-Clear Material	Vertical	11¢ ea. pc. 200 to a pack	14¢ ea. pc. 200 to a pack	17¢ ea. pc. 200 to a pack
NON IMPRINTED	White Material	None	10¢ ea. pc. 200 to a pack	14¢ ea. pc. 200 to a pack	21¢ ea. pc. 200 to a pack
SW-0PK200	Clear Material	Vertical	10¢ ea. pc. 200 to a pack	14¢ ea. pc. 200 to a pack	21¢ ea. pc. 200 to a pack

SHRINK WRAP & VALVE PLUG STARTER KIT



Flexible Vinyl Plugs for Keeping Particles Out of Valves



Shrink Wrap

Fits most valve sizes and CGA's.
(CGA 510, 540, 580, 320, 350 and more)



Our Recommendation for Fast Shrinking
Pt # H-HDGUN

Product PM-1 (Male Thread Valves)
For the following CGA
CGA 350 Hydrogen
CGA 320 CO₂

Product PF-1 (Female Thread Valves)
For the following CGA
CGA 580 Argon
Helium
Nitrogen

Cylinder Valve Starter Kits	
Item Description	Quantity
Full-Valve Shrink Wrap	50 each
Plugs PM-1, CGA 350, 320	25 each
Plugs PF-1 CGA 580	25 each
Heat Gun Industrial H-HDGUN	1 each
Pt # SW-SK1	Price \$133.43

For more like this – see page **8A-4&5**

Medical Yoke Style Valves

VALVE SHRINK WRAP BENEFITS

- Use as a Tamper-Evident Seal
- Effective Barrier Against Dirt & Moisture
- Durable Material Stands up to the Elements
- Custom Imprint Available
- Professional Appearance of Your Product and Service



Full Imprint
Pt # SW-1F



Non Imprint
Pt # SW-1

Medical Yoke Style Valve

Part #	Description	Perf.	25+ Pkg. of 200	5+ Pkg. of 200	1+ Pkg. of 200
FULL IMPRINTED	Medical Post Full Imprint-White Material	Vertical	9¢ ea. pc. 200 to a pack	14¢ ea. pc. 200 to a pack	20¢ ea. pc. 200 to a pack
SW-1FPK200	Medical Post White Material	None	10¢ ea. pc. 200 to a pack	14¢ ea. pc. 200 to a pack	22¢ ea. pc. 200 to a pack
NON IMPRINTED	Medical Post Valve White Material	None	9¢ ea. pc. 200 to a pack	13¢ ea. pc. 200 to a pack	20¢ ea. pc. 200 to a pack
SW-1PK200					

CUSTOM VALVE SHRINK WRAP

CUSTOM IMPRINT



Sample of Custom Valve Imprinted Shrink Wrap



Samples of Custom Print



Large Valve
Pt # SW-C01C

Also available for other valves

- Pneumatic
- Refrigerant
- Medical

Custom Imprint Valve Shrink Wrap

- **Send Us Your Logo or Wording** (Multi color imprints no problem)
- **Your Choice of Material Color** (Standard is white)
- **Print Color** (We can match, or specify PMS color)
- **Valve Size –**
Large Valve (Pt # SW-C01C) or **Medical Yoke** (Standard Valve Wrap comes with side perforation for easy removal.)

One time plate charge per color imprint.

Call for Ordering Details.

IN STOCK CUSTOM IMPRINTS



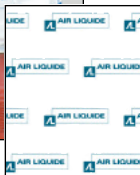
AGA
Lg. Valve Pt # SW-0AGAPK200
Medical Pt # SW-1AGAPK200



Airgas
Lg. Valve Pt # SW-0AGPK200
Medical Pt # SW-1AGPK200



Air Products
Lg. Valve Pt # SW-0APPK200
Medical Pt # SW-1APPK200



Air Liquide
Lg. Valve Pt # SW-0ALPK200
Medical Pt # SW-1ALPK200



BOC
Lg. Valve Pt # SW-0BOCPK200
Medical Pt # SW-1BOCPK200



Praxair
Lg. Valve Pt # SW-0PPK200
Medical Pt # SW-1PPK200

* There are 200 pieces to a package

HEAT GUNS FOR SHRINK WRAP

Used for shrink wrapping film around the valve.

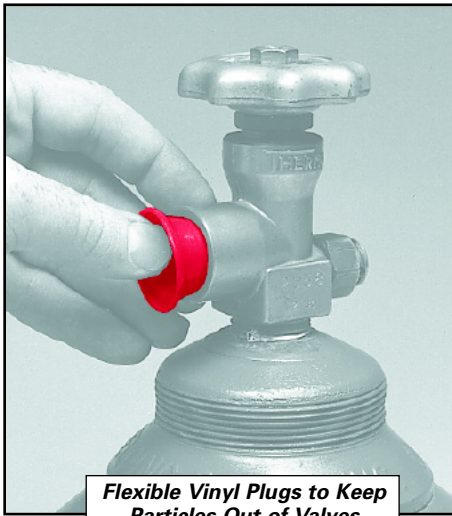


Our Recommendation for Fast Shrinking
Pt # H-HDGUN

Part #	Description	Price
H-HDGUN	Heavy Duty	\$106.95

VALVE PLUGS

CGA 580 PLUGS



Flexible Vinyl Plugs to Keep Particles Out of Valves

CGA 580



Pt # PF-G1



Product PF-1

(Female Thread Valves)



For the following CGA
CGA 580 Argon
Helium
Nitrogen

Product PF-H1



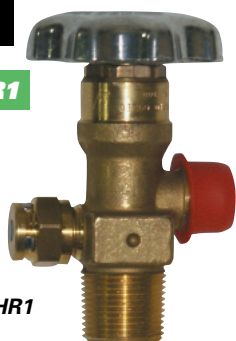
Rigid plastic with blow hole

CGA-350

Product PM-HR1

Rigid plastic with pull tab

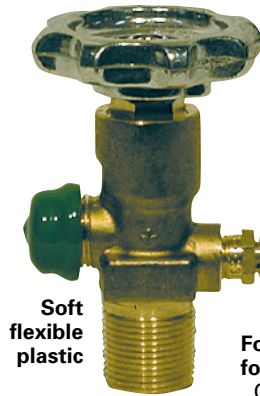
Pt # PM-HR1



CGA 540 PLUGS

Two choices for the CGA 540 Dust Cap

Product PM-1



Soft flexible plastic

For the following CGA
CGA 540 Oxygen



Product PM-H3



Rigid plastic with pull tab

For the following CGA
CGA 540 Oxygen



CGA 346 PLUGS

For the following CGA
CGA 346



Product PM-2

(Male Thread Valves)

Soft Flexible Plastic

For the following CGA
CGA 350 Hydrogen
CGA 320 CO₂
CGA 346



CGA-320

CO₂ Dust Cover



Pt # PM-C12



Additional Colors Available

Add Color Choice to Part Number
i.e. PM-C12-YPK1000



CGA Plugs

Description	Part # for 1,000 Pack	2+ Pkg. of 1,000	1+ Pkg. of 1,000	Part # for 100 Pack	5+ Pkg. of 100	1+ Pkg. of 100
CGA 580 Plug Green Plug	PF-G1PK1000	9¢ ea. pc. 1,000 to a pack	10¢ ea. pc. 1,000 to a pack	PF-G1PK100	13¢ ea. pc. 100 to a pack	17¢ ea. pc. 100 to a pack
CGA 580 Plug Red Plug	PF-1PK1000	9¢ ea. pc. 1,000 to a pack	10¢ ea. pc. 1,000 to a pack	PF-1PK100	13¢ ea. pc. 100 to a pack	17¢ ea. pc. 100 to a pack
CGA 580 Plug Red Plug	PF-H1PK1000	8¢ ea. pc. 1,000 to a pack	9¢ ea. pc. 1,000 to a pack	PF-H1PK100	12¢ ea. pc. 100 to a pack	16¢ ea. pc. 100 to a pack
CGA 540 Plug Green Plug	PM-1PK1000	12¢ ea. pc. 1,000 to a pack	15¢ ea. pc. 1,000 to a pack	PM-1PK100	15¢ ea. pc. 100 to a pack	18¢ ea. pc. 100 to a pack
CGA 540 Plug Green Plug	PM-H3PK1000	8¢ ea. pc. 1,000 to a pack	9¢ ea. pc. 1,000 to a pack	PM-H3PK100	12¢ ea. pc. 100 to a pack	16¢ ea. pc. 100 to a pack
CGA 346 Plug Male Red Plug	PM-2PK1000	9¢ ea. pc. 1,000 to a pack	10¢ ea. pc. 1,000 to a pack	PM-2PK100	13¢ ea. pc. 100 to a pack	17¢ ea. pc. 100 to a pack
CGA 320 Plug Dust Cover & Strap for CO ₂	PM-C12PK1000	11¢ ea. pc. 1,000 to a pack	14¢ ea. pc. 1,000 to a pack	PM-C12PK100	18¢ ea. pc. 100 to a pack	19¢ ea. pc. 100 to a pack
CGA 350 Plug Red Plug	PM-HR1PK1000	8¢ ea. pc. 1,000 to a pack	9¢ ea. pc. 1,000 to a pack	PM-HR1PK100	12¢ ea. pc. 100 to a pack	16¢ ea. pc. 100 to a pack

LOCKING CAP



For Mobile Units. Needed to lock cap to keep regulator from being removed.



Comes with padlock

Locking Caps – High Pressure and Acetylene

Part #	Description	Thread
SC8FNNP	Snap Cap High Pressure*	Fine Thread – 6.5" 3 1/8 x 11UN
SC8CNNP	Snap Cap High Pressure	Coarse Thread – 6.5" 3 1/8 x 11UN
SC2CNNP	Acetylene*	Coarse Thread – 6.5" 3 1/2 x 11UN
SC2FNNP	Acetylene	Fine Thread – 6.5" 3 1/2 x 11UN

** Most common thread style*

ACETYLENE CAP

Acetylene cap for regulator to attach while protecting valve.

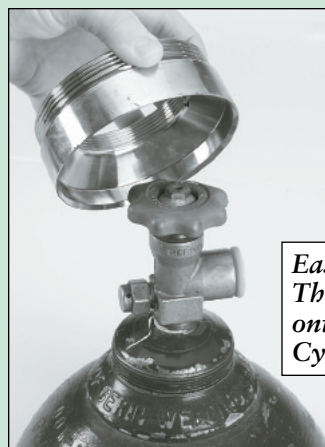
Part #	Description
Cap-12	Fine Thread Cap
Cap-10	Cap Lock



H.P. CAP

H.P. Caps protect valve while regulators attached.

Part #	Description
Cap-11	Fine Thread Cap
Cap-7	Course Thread



CAP ADAPTER



Easily Threads onto Cylinder

EXTRA LARGE VALVE CAP



Pt # 858RNP

Part #	Description	Price
	Adapter Rings	
1SSRZ	Steel Cylinder	38.88
DSAOZ	Aluminum Cylinder	45.01
858RNP	Cap Steel	49.15

HIGH PRESSURE CYLINDER CAPS



Caps for High Pressure Cylinder 80 through 330 cu. ft.



Caps Painted Gray
6 1/2" – 3 1/8-11



Caps Painted White
6 1/2" – 3 1/8-11



Caps Painted Black
6 1/2" – 3 1/8-11

Number of threads per inch for **Fine** is 11 threads to an inch and **Coarse** is 7 threads to an inch.

Cap I.D. is 3 1/4"

Unpainted

Part #	Description
8FRNP	Fine Thread
8CRNP	Coarse Thread

Painted – Fine Thread Most Common

Part #	Color
8FRNP-08	White
8FRNP-02	Black
8FRNP-06	Gray

Painted – Coarse Thread

Part #	Color
8CRNP-08	White
8CRNP-02	Black
8CRNP-06	Gray



Caps Unpainted
6 1/2" – 3 1/8-11

VALVE CAP WRENCH



Easily open hard to open caps.



Cap Wrench

Part #	Description	10+	1+
CW-CAP	Cap Wrench	9.95	14.95

FAST CAP TOOL

Speed up your filling operation with the Fast Cap Tool.

The power tool attachment for cylinder caps.



Part #	Description
CC-CR38	3/8" Drive Full Unit Cap Remover Tool

CAP NETTING

Cap netting can be used on High Pressure type caps and on the Acetylene type caps.

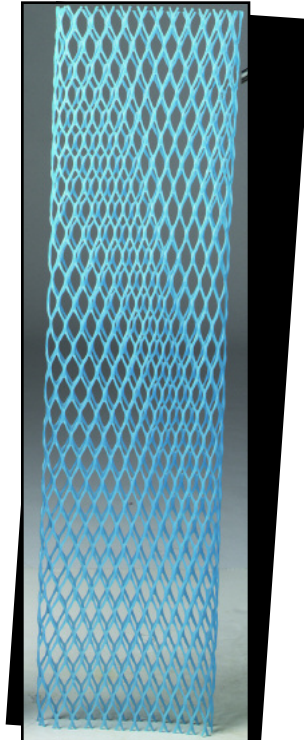


Part #	Description
CAP-G4	High Pressure Cap
CAP-ACT4	Acetylene Cap

CYLINDER NETTING

PRODUCT FEATURES

- Designed specially for pressure and liquid gas cylinders to help protect against damage caused during shipping and handling.
- Net sizes are pre-cut to a length that allows the cylinders to be kick-rolled and still provide protection.
- Ring test can still be performed.
- UV stabilized with an expected lifetime of approximately 10 years.
- More flexible than other nets, easier installation.
- Standard stock lengths from 14" to 52", for cylinder diameters from 4" to 24".
- Non-toxic.



*Protect Against Damage
Caused During Shipping and Handling*

**CUSTOM SIZES
AND COLORS
ALSO AVAILABLE**

Product Information					Pricing			CALL FOR QUOTE ON LARGER QUANTITIES AND CUSTOM SIZES AND COLORS.
For Use on These Cylinders	Cylinder Diameter	Cylinder Guard Length	Box Quantity	Part Number	1 Box each piece	Package of 10		
D Medical	4"	14"	(50/box)	NC-414PK50	93¢ ea pc	(Pt # NC-414PK10)	\$10.97 Pk	
E Medical	4"	23"	(50/box)	NC-342PK50	\$1.45 ea pc	(Pt # NC-342PK10)	\$17.80 Pk	
110, 115, 122, 125, M	6-7"	28"	(50/box)	NC-8672PK50	\$1.71 ea pc	(Pt # NC-8672PK10)	\$22.15 Pk	
	6-7"	34"	(50/box)	NC-4673PK50	\$2.31 ea pc	(Pt # NC-4673PK10)	\$26.94 Pk	
	6-7"	50"	(50/box)	NC-0675PK50	\$3.23 ea pc	(Pt # NC-0675PK10)	\$39.72 Pk	
219, 230, 244, 251, 276, 309, 330	8-9"	6"	(50/box)	NC-6894PK50	63¢ ea pc	(Pt # NC-6894PK10)	\$8.13 Pk	
	8-9"	20"	(50/box)	NC-0892PK50	\$5.43 ea pc	(Pt # NC-0892PK10)	\$26.99 Pk	
	8-9"	41"	(50/box)	NC-1894PK50	\$2.60 ea pc	(Pt # NC-1894PK10)	\$33.60 Pk	
	8-9"	43"	(50/box)	NC-3894PK50	\$2.23 ea pc	(Pt # NC-3894PK10)	\$35.01 Pk	
50lb., Nitrous Oxide, K.H.J.T	8-9"	45"	(50/box)	NC-5894PK50	\$2.71 ea pc	(Pt # NC-5894PK10)	\$36.78 Pk	
	8-9"	50"	(50/box)	NC-0895PK50	\$3.45 ea pc	(Pt # NC-0895PK10)	\$41.37 Pk	
400, 408, 448, 100 CO ₂	11"	47"	(50/box)	NC-7114PK50	\$3.30 ea pc	(Pt # NC-7114PK10)	\$40.67 Pk	
	11"	49"	(50/box)	NC-9114PK50	\$3.15 ea pc	(Pt # NC-9114PK10)	\$42.68 Pk	
160, 180, 200 Ltr. portable liquid cylinder	20"	52"	(20/box)	NC-2205PK20	\$6.76 ea pc	(Pt # NC-2205PK10)	\$75.33 Pk	
290 Ltr. Liquid Nitrogen	24"	52"	(20/box)	NC-2245PK20	\$13.05 ea pc	(Pt # NC-2245PK10)	\$145.28 Pk	

CYLINDER SHRINK WRAP

FULL BODY SHRINK WRAP

- Protect Body Labels
- Minimize Paint Chipping
- Reduce The Cost of Repainting



Lecture Bottle
Pt# FC-LB

Full Cylinder Shrink Wrap – Lecture Bottle

Part#	Description	Price		
		1000+ Each	500+ Each	1+ Each
FC-LB	Lecture Bottle 16" Length	.69 ea.	.52 ea.	.96 ea.

FULL CYLINDER SHRINK WRAP

- Rolls Easily
- Cut to Length Needed

Full Cylinder Shrink Wrap
Pt# FC-LWP

CYL-WRAP MACHINE

PROCESS

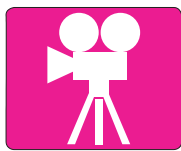
Apply protective coating on cylinder to protect paint and labels.

Slide sleeve on cylinder and automated system shrinks material to cylinder to give a high quality appearance.

BENEFITS

- Reduce Repainting
- Protect Labels
- Fast Turnaround

Call For More Information



VIDEO DEMO AVAILABLE



Medical Oxygen
Pt # FC-EWP

Aluminum or Steel
150 cu. ft.
Pt # FC-AL150

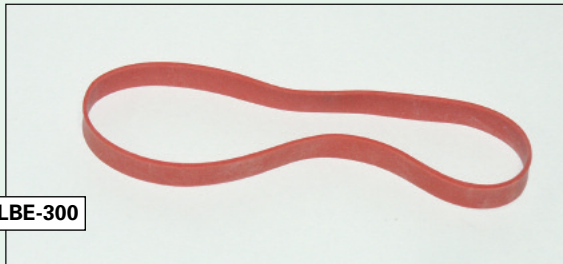
244 through 330 cu. ft.
Pt # FC-LWP

Full Cylinder Shrink Wrap

Part#	Description	Price			Est. Cyl. Per Roll
		5+ Roll	1+ Roll		
FC-M6WP	M6 Size Cylinder	\$79.30	\$84.66		N/A
FC-EWP	Medical E Through Medical D Size Cylinder * 100 meter rolls	\$81.45	\$94.30		264 ea.
FC-AL150	150 Cu. Ft. 8" Diameter Cylinders * 100 meter rolls	\$113.59	\$129.66		163 ea.
FC-LWP	300 to 200 Cu. Ft. Cylinder * 100 meter rolls	\$116.81	\$132.88		163 ea.
FC-OLWP	Over Netting Wrap 300 to 200 Cu. Ft. Cylinder * 100 meter rolls	\$116.81	\$138.24		163 ea.
CUT SLEEVES LS-WRAP 2PK50	Medical E Through Medical D Size Cylinder 12" Sleeve	10+ Pkg. of 50	5+ Pkg. of 50	1+ Pkg. of 50	
		Sleeves 39¢ ea. pc. 50 to a pack	Sleeves 45¢ ea. pc. 50 to a pack	Sleeves 57¢ ea. pc. 50 to a pack	
CUT SLEEVES LS-WRAP 4PK50	Medical E Through Medical D Size Cylinder 24" Sleeve	10+ Pkg. of 50	5+ Pkg. of 50	1+ Pkg. of 50	
		Sleeves 53¢ ea. pc. 50 to a pack	Sleeves 63¢ ea. pc. 50 to a pack	Sleeves 74¢ ea. pc. 50 to a pack	

CYLINDER BUMP BAND

HEAVY DUTY INDUSTRIAL CYLINDER BUMP BAND



These are made to be used in UV Environment.



Bump Band & Economy Bump Band

Part #	Description	5+ Pkg. of 100	1+ Pkg. of 100	Part #	5+ Pkg. of 10	1+ Pkg. of 10
LB-MEDEPK100	4" Dia. Cylinder	\$1.87 ea. pc. 100 to a pack	\$1.99 ea. pc. 100 to a pack	LB-MEDEPK10	\$1.81 ea. pc. 10 to a pack	\$1.92 ea. pc. 10 to a pack
LB-T330PK100	244-330 High Pressure	\$1.38 ea. pc. 100 to a pack	\$1.49 ea. pc. 100 to a pack	LB-T330PK10	\$1.60 ea. pc. 10 to a pack	\$1.70 ea. pc. 10 to a pack
LB-D122PK100	122-80 High Pressure	\$1.08 ea. pc. 100 to a pack	\$1.16 ea. pc. 100 to a pack	LB-D122PK10	\$1.10 ea. pc. 10 to a pack	\$1.21 ea. pc. 10 to a pack
LBE-300PK100	Economy Red Band	27¢ ea. pc. 100 to a pack	32¢ ea. pc. 100 to a pack	LBE-300PK10	38¢ ea. pc. 10 to a pack	43¢ ea. pc. 10 to a pack

- Minimize Cylinder Paint and Label Wear

TEFLON PASTE AND TAPE

Oxygen Safe, Chemically Inert, and Odor Free

FORMULA-8 is used by thousands of welding and general supply companies and equipment manufacturers worldwide.



Teflon Paste



Teflon Tape

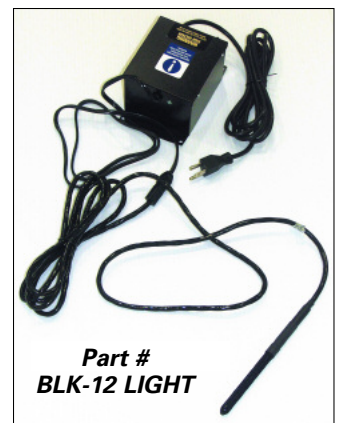
Part #	Description
Tape-1	1/4" Teflon Tape
Tape-2	1/2" Teflon Tape
Tape-34	3/4" Teflon Tape
Tape-3	1" Teflon Tape
Oxy-Teflon 8	Teflon Paste

CYLINDER INSPECTION KIT

Black Light - Easily Identify Cylinders that have been Exposed to Hydrocarbons

FEATURES

- The **Black Light Kit** easily confirms oil residue in a cylinder. Simply insert the ultra-violet light-emitting probe into the cylinder to inspect the neck and interior walls.



SPECIFICATIONS

- Dimensions - 4 1/2" L x 4" W x 3" H

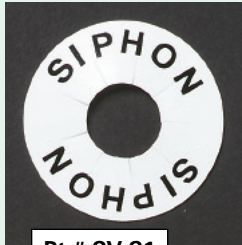
CYLINDER VALVING I.D.

Fill Plant Supplies

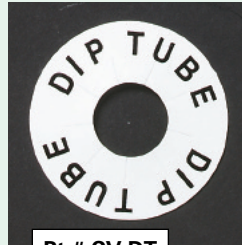
Section
8A

Put on I.D. Disk when valving cylinder

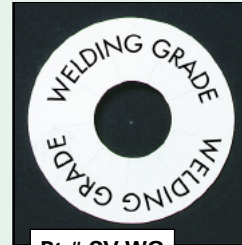
Custom imprints available



Pt # CV-S1



Pt # CV-DT



Pt # CV-WG



Pt # CV-CC

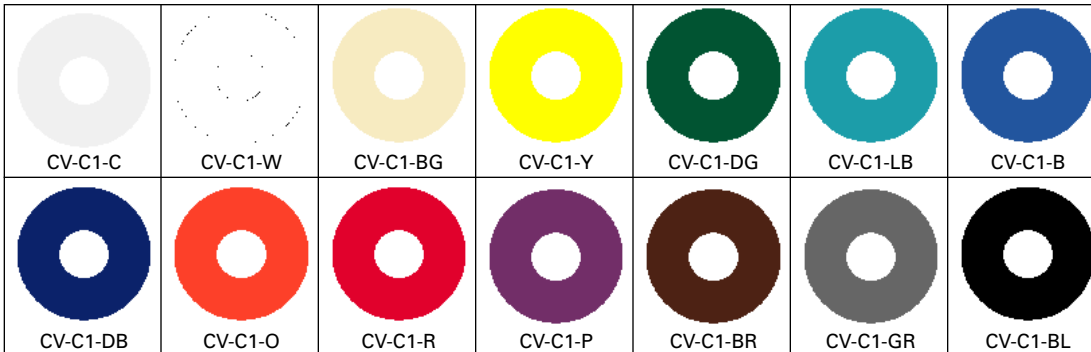
Part #	Description	10+ Pkg. of 50	4+ Pkg. of 50	2+ Pkg. of 50	1+ Pkg. of 50	Pkg. of 10
CV-S1PK50	Siphon	85¢ ea. pc. 50 to a pack	91¢ ea. pc. 50 to a pack	96¢ ea. pc. 50 to a pack	\$1.02 ea. pc. 50 to a pack	(Pt # CV-S1PK10) \$11.79 Pk
CV-DTPK50	Dip Tube	85¢ ea. pc. 50 to a pack	91¢ ea. pc. 50 to a pack	96¢ ea. pc. 50 to a pack	\$1.02 ea. pc. 50 to a pack	(Pt # CV-DTPK10) \$11.79 Pk
CV-WGPK50	Welding Grade	85¢ ea. pc. 50 to a pack	91¢ ea. pc. 50 to a pack	96¢ ea. pc. 50 to a pack	\$1.02 ea. pc. 50 to a pack	(Pt # CV-WGPK10) \$11.79 Pk
CV-CCPK50	Coca-Cola	85¢ ea. pc. 50 to a pack	91¢ ea. pc. 50 to a pack	96¢ ea. pc. 50 to a pack	\$1.02 ea. pc. 50 to a pack	(Pt # CV-CCPK10) \$11.79 Pk

Custom imprint available one time plate fee. Art charges may apply.

CUSTOM IMPRINT VALVING I.D. COLLARS

For 80 cu. ft. through 330 cu. ft. Cylinders

Standard Collar Colors

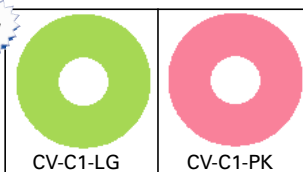


Pt # CV-CI



Custom imprints available

NEW
Special Collar Colors



Install at time of Valve Installation

Custom Imprint Pricing

Part #	1,000	500	250	One time plate charge
CV-C1	89¢	97¢	\$1.05	\$45.00



3/4" NPT Thread

CYLINDER-THREADED PLASTIC PLUG

Part #	Description	4+ Pkg. of 250	2+ Pkg. of 250	1+ Pkg. of 250	Pkg. of 10
PM-3413PK250	3/4" NPT Thread	15¢ ea. pc. 250 to a pack	17¢ ea. pc. 250 to a pack	19¢ ea. pc. 250 to a pack	(Pt # PM-3413PK10) \$2.36 Pk.
PM-121PK250	1/2" NPT Thread	15¢ ea. pc. 250 to a pack	17¢ ea. pc. 250 to a pack	19¢ ea. pc. 250 to a pack	(Pt # PM-121PK10) \$2.36 Pk.
PM-113PK250	1" NPT Thread	70¢ ea. pc. 250 to a pack	75¢ ea. pc. 250 to a pack	80¢ ea. pc. 250 to a pack	(Pt # PM-113PK10) \$9.65 Pk.

CYLINDER TEST RESULTS POUCH

HEAVY DUTY RESEALABLE POUCHES

Our Most Popular Pouch



Top Sealing Pouch
Pt # CP-3

Pt # CP-3

Heavy Duty Resealable Pouch

Part #	Description	Size Pouch
CP-3	Top Seal	4 3/4" W x 8 3/4" L

PULL OVER HEAVY DUTY RESEALABLE POUCH



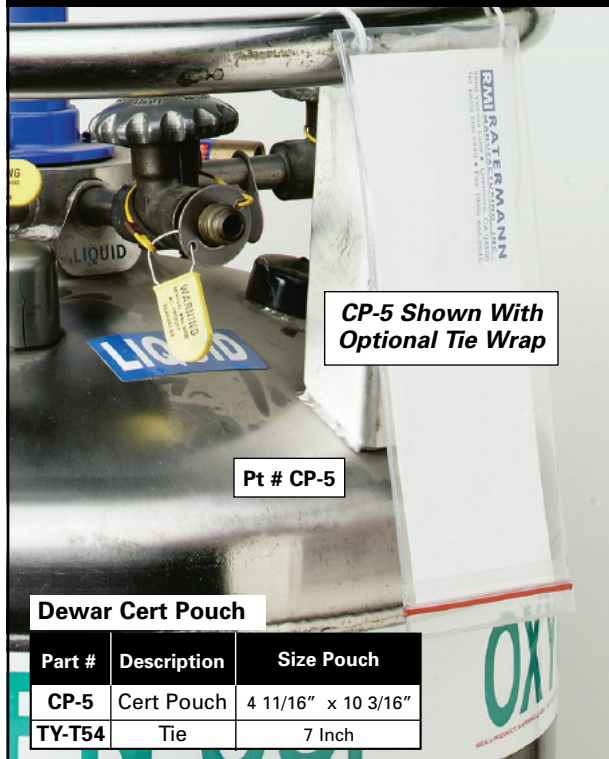
Pt # CP-P3

Pouch can be put on over cap. Designed for quick installation. For more permanent pouch needs look at CP-3 and CP-4 pouch.

Resealable Pouch

Part #	Description	Size Pouch
CP-P3	Pull Over Pouch	4 3/4" W x 8 3/4" L

DEWAR CERT POUCH



CP-5 Shown With Optional Tie Wrap

Pt # CP-5

Dewar Cert Pouch

Part #	Description	Size Pouch
CP-5	Cert Pouch	4 11/16" x 10 3/16"
TY-T54	Tie	7 Inch



Pt # CP-4

Bottom Sealing Xlarge Pouch
#10 Envelopes Slide Easily Inside
Pt # CP-4

Heavy Duty Resealable Pouch

Part #	Description	Size Pouch
CP-4	Bottom Seal	6 3/16" W x 10" L

ECONOMY POUCHES



Description	Part #	1,000	500	250	1-249
Small Pouch 3 x 4 1/4 Insert Size	CP-1	42¢ ea. pc.	49¢ ea. pc.	53¢ ea. pc.	69¢ ea. pc.
Large Pouch 4 3/4 x 7 Insert Size	CP-2	58¢ ea. pc.	68¢ ea. pc.	73¢ ea. pc.	90¢ ea. pc.

*collars sold separately – see pages 8B-10-20

VALVE LEAK CHECK



~ Oxygen Safe ~

Valve Leak Check

Part #	Description	Size
LC-4	Leak Check Squeeze Bottle	4 oz.
LC-1GAL	Leak Check	1 Gallon



Use on Valve Under Cap

Inserts for Pouches

Insert Size
4 1/8 x 5 3/8

CERTS

ENCLOSED

REVALVE CYLINDER

TEST RESULTS

OUT OF HYDRO

PAINT COLOR

Inserts for CP-2, CP-3 and CP-4 Pouches

Description	Part #	5+ Pkg. of 500	1+ Pkg. of 500	Part #	2+ Pkg. of 50	1+ Pkg. of 50
Test Results White Paper	INS-T1PK500	9¢ ea. pc. 500 to a pk	10¢ ea. pc. 500 to a pk	INS-T1PK50	11¢ ea. pc. 50 to a pk	13¢ ea. pc. 50 to a pk
Revalve Cylinder Blue Paper	INS-R1PK500	9¢ ea. pc. 500 to a pk	10¢ ea. pc. 500 to a pk	INS-R1PK50	11¢ ea. pc. 50 to a pk	13¢ ea. pc. 50 to a pk
Out of Hydro Orange Paper	INS-D1PK500	9¢ ea. pc. 500 to a pk	10¢ ea. pc. 500 to a pk	INS-D1PK50	11¢ ea. pc. 50 to a pk	13¢ ea. pc. 50 to a pk
Paint Tan Paper	INS-P1PK500	9¢ ea. pc. 500 to a pk	10¢ ea. pc. 500 to a pk	INS-P1PK50	11¢ ea. pc. 50 to a pk	13¢ ea. pc. 50 to a pk
Certs White Paper	INS-C1PK500	9¢ ea. pc. 500 to a pk	10¢ ea. pc. 500 to a pk	INS-C1PK50	11¢ ea. pc. 50 to a pk	13¢ ea. pc. 50 to a pk

CUSTOM IMPRINT AVAILABLE – CALL FOR DETAILS

LEAK DETECTOR

All Temperature Leak Detector

- All temperature formula:
-55° to 200° F
(-48° C to 93° C)
- Ultra-sensitive – long-lasting bubbles
- Available in handy spray bottle
- Florescent for improved visibility
- Safe for oxygen
- Non-corrosive, non-toxic



Leak Detectors

Part #	Description	Size
LC-FS	Spray Bottle	1 Quart
LC-FG	Leak Detector	1 Gallon

CYLINDER PAINTS



5 Gallon Paint



1 Gallon Paint

4 Gallons
Each to a Case

To Order

Part # 1 Gallon	Part # 5 Gallon	Paint Name
RP940-1G	RP940	Black
RP540-1G	RP540	Red (<i>dark red</i>)
RP520-1G	RP520	Lincoln Red (<i>deep red</i>)
RP515-1G	RP515	Maroon (<i>dark maroon</i>)
RP545-1G	RP545	Cardinal Red
RP525-1G	RP525	Cranberry Red
RP530-1G	RP530	Light Red
RP812-1G	RP812	Magenta
RP223-1G	RP223	Gray
RP215-1G	RP215	Ford Gray
RP49-1G	RP49	ASA 49 Gray
RP237-1G	RP237	Dark Gray
RP243-1G	RP243	Dove Gray
RP228-1G	RP228	Light Gray Primer
RP620-1G	RP620	Blue
RP610-1G	RP610	M.P. Blue
RP625-1G	RP625	Medium Blue
RP605-1G	RP605	Marlin Blue
RP600-1G	RP600	French Blue
RP630-1G	RP630	Dawn Blue
RP513-1G	RP513	Specialty Gas Purple
RP815-1G	RP815	Safety Purple
RP461-1G	RP461	Green (<i>hospital green</i>)
RP445-1G	RP445	Olive Drab
RP450-1G	RP450	Dark Green
RP435-1G	RP435	Cylinder Green
RP430-1G	RP430	Clover Green
RP448-1G	RP448	Cactus Green
RP440-1G	RP440	Liquid Green
RP438-1G	RP438	Light Green
RP453-1G	RP453	Emsco Green
RP475-1G	RP475	Yellow (<i>banana</i>)
RP418-1G	RP418	Mapp Yellow
RP415-1G	RP415	Cream (<i>Boston</i>)
RP465-1G	RP465	Special Yellow
RP425-1G	RP425	Haze Yellow (<i>yellow</i>)
RP180-1G	RP180	Off White
RP185-1G	RP185	Brilliant White
RP593-1G	RP593	Orange
RP585-1G	RP585	Fiesta Orange
RP590-1G	RP590	Old Airco Orange
RP595-1G	RP595	Safety Orange
RP709-1G	RP709	Brown
RP705-1G	RP705	Autumn Brown
RP730-1G	RP730	Russett Brown (<i>chili</i>)
RP725-1G	RP725	Beige
RP750-1G	RP750	Suede Brown
RP737-1G	RP737	Walnut Brown
RP700-1G	RP700	Chocolate Brown
RP258-1G	RP258	Aluminum Metallic
RP558-1G	RP558	Coppertone/Gold Metallic
RP628-1G	RP628	Blue Metallic

Cross Reference Chart

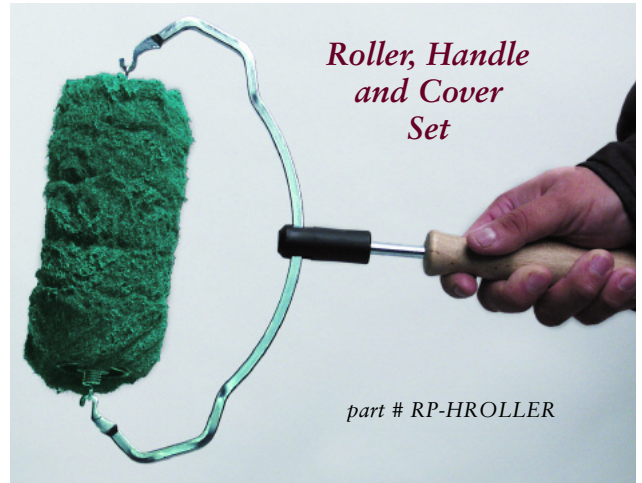
Techstar Glosskote	Spatz	Watson Aquashield
7100	2100	109
7108	2108	239
7129	2129	210
7136	2136	237
7142	2142	238
7309	2309	274
7151	2151	240
		252
7164	2164	360
7148	2148	368
7105	2105	370
7104	2104	371
7133	2133	367
1054	2054	382
7162	2162	533
7130	2130	536
7135	2135	537
7101	2101	542
7141	2141	540
7103	2103	541
7119	2119	545
7120	2120	
7163	2163	618
7140	2140	610
7132	2132	619
7155	2155	621
7116	2116	624
7115	2115	625
7117	2117	626
7128	7128	628
7138	2138	629
7110	2110	718
7106	2106	725
7144	2144	727
7146	2146	729
7160	2160	724
7126	2126	857
7181	2181	852
7127	2127	914
7125	2125	913
7107	2107	915
		925
7161	2161	1045
7147	2147	1047
7170	2170	1046
7179	2179	1049
7145	2145	1050
7113	7113	1052
7102	2102	1051
7175	2175	312
7154 / 7176	2154	1108
7143	2180	1110

CYLINDER PAINT ACCESSORIES

Cylinder Paint Rollers and Accessories

- Replacement Rollers
- Springs
- Nuts
- Paint Screw for Roller
- Cover for Paint Bucket

Paint Rollers are held together on a spring and adjust to the contour of the cylinder.



Roller, Handle and Cover Set

part # RP-HROLLER



Replacement Roller Parts

Replacement Roller Cover



part # RP-RCOVER



part # RP-NUTS

Roller Replacement Spring



part # RP-RSPRINGS

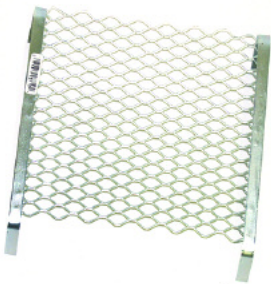
Shoulder Paint Shield



part #
CYL-PSHIELD

5 Gallon Bucket Accessories

Paint Roller Screen Removes Excess Paint from Roller.



part # RP-SBGRID

Cover for Open Bucket to Keep Paint from Drying

Bucket Cover



part # RP-BONNET

Shield the shoulder of the tank from over-spray when painting cylinder collars.

CAVAGNA INDUSTRIAL VALVES



Carbon Dioxide Valve - CGA 320



Nitrous Oxide Valve CGA 326



Breathing Air Valve - CGA 346



Hydrogen Valve - CGA 350



Oxygen Valve - CGA 540



Industrial Air Valve - CGA 590

High Pressure Forged Brass Valve for DOT cylinders

Part #	CGA 540 OXYGEN VALVE
RVB-540A-3360P	540 Oxygen Valve 3/4" RD, 3360 psi
RVB-540A-3775P	540 Oxygen Valve 3/4" RD, 3775 psi
RVB-540A-4000P	540 Oxygen Valve 3/4" RD, 4000 psi
RVB-540E-3775P	540 Oxygen Valve 3/4" 7-OS RD, 3775 psi
RVB-540G-3775P	540 Oxygen Valve 1.125" UNF RD, 3775 psi

Also available in RPV

Part #	CGA 580 INERT VALVE
RVB-580A-3360P	580 Inert Valve 3/4" RD, 3360 psi
RVB-580A-3775P	580 Inert Valve 3/4" RD, 3775 psi
RVB-580A-4000P	580 Inert Valve 3/4" RD, 4000 psi
RVB-580G-3360P	580 Inert Valve 1.25" UNF RD, 3360 psi

Also available in RPV

Part #	CGA 590 INDUSTRIAL AIR VALVE
RVB-590A-3360P	590 Industrial Air Valve 3/4" RD, 3360 psi
RVB-590A-3775P	590 Industrial Air Valve 3/4" RD, 3775 psi
RVB-590A-4000P	590 Industrial Air Valve 3/4" RD, 4000 psi

Part #	CGA 320 CARBON DIOXIDE VALVE
RVB-320A-3000P	320 Carbon Dioxide Valve 3" NGT
RVB-320G-3000P	320 Carbon Dioxide Valve 1.125" UNF, RD, 3000 psi
RVB-320B-3360P	320 Carbon Dioxide Valve 3/4" 7-OS RD, 3360 psi
RVB-320G-3360P	320 Carbon Dioxide Valve 1.125" UNF, RD, 3360 psi

Part #	CGA 326 NITROUS OXIDE VALVE
RVB-326A-3360P	326 Nitrous Oxide Valve 3/4" RD, 3360 psi
RVB-326A-3775P	326 Nitrous Oxide Valve 3/4" RD, 3775 psi

Part #	CGA 346 BREATHING AIR VALVE
RVB-346A-3360P	346 Breathing Air Valve 3/4" RD, 3360 psi
RVB-346A-3775P	346 Breathing Air Valve 3/4" RD, 3775 psi

Part #	CGA 350 HYDROGEN VALVE
RVB-350A-3360HF	350 Hydrogen Valve 3/4" RD, 3360 psi
RVB-350A-3775HF	350 Hydrogen Valve 3/4" RD, 3775 psi



Teflon Paste for Pipe Threads
part # OXY-OC3-4OZ



Inert Valve - CGA 580



Valve Leak Check
part # LC-1GAL

REPLACEMENT SAFETY RELIEFS



New Plug Style



Old-Style

Color-Coded Safety Caps

New Plug Style Pt #	Old-Style Pt #	Industrial Replacement Safety Reliefs
RVR-3000P	RVR-3000S	Safety Relief Brass 650-19NS, 3000 psi
RVR-3360P	RVR-3360S	Safety Relief Brass 650-19NS, 3360 psi
RVR-3775P	RVR-3775S	Safety Relief Brass 650-19NS, 3775 psi
RVR-4000P	RVR-4000S	Safety Relief Brass 650-19NS, 4000 psi

CYLINDER SIPHON TUBES

Siphon tubes are constructed from 3/8" type "K" copper tube. Each tube is fitted with a 1/4" male NPT brass fitting for easy attachment to most brass valves on the market today. Standard length is 53" OAL to fit most 250-300 cu. ft. cylinders. All ends are cut at 45° angle to allow for unrestricted flow.

Stainless Steel siphon tubes are available for higher purity gases. Call Customer Service for details.



part # CST-C

Part #	Description
CST-S	Standard Siphon Tube, 53" OAL
CST-C	Standard Siphon Tube, 48" OAL
CST-C26	Standard Siphon Tube, 26" OAL