



# INDUSTRIAL THERMOPLASTIC HOSE



 **Jason  
Industrial Inc.®**  
A **MEGADYNE GROUP** CO.

# INDUSTRIAL THERMOPLASTIC HOSE

## PVC, POLYURETHANE & RUBBER BLENDS

**Jason Industrial®** is a Megadyne Group company that manufactures and delivers a comprehensive inventory of rubber and polyurethane synchronous belts, rubber v-belts, industrial hose and couplings, plus hardware to the industrial community worldwide.

When extraordinary needs require specialized components, we will work with you from prototype to production, creating custom solutions that suit your unique application.

As a Jason customer, you can feel confident in the quality and integrity of our products, the speed and efficiency at which they are delivered, and the expertise and customer focus that our local representatives are committed to providing.

Jason's corporate headquarters are based in Fairfield, New Jersey. Our distribution center is located just outside of Chicago, Illinois, with additional corporate offices in Canada, Mexico and Brazil, as well as manufacturing, warehousing and distribution centers in cities across the globe.

Welcome to Jason...the first name in mechanical rubber and urethane products that power industry forward.

 **Jason  
Industrial Inc.®**  
**A MEGADYNE GROUP CO.**



# TABLE OF CONTENTS



## General Information/Technical Reference

	Page
Applications Guide	4
Thermoplastic Hose Solutions	2-3
Terms & Conditions	44
Chemical Resistance Tables - PVC, EPDM & Polyurethane	31-43

## Product by Market

### Food Hose

	Series No.	Page
PU FDA USDA Clear Braided Material Handling Hose - SΩ	3000	19
PVC FDA USDA 3A Clear Suction Hose	3010	20

### Material Handling Hose

PU Lined PVC Material Handling Hose	3020	10
PU Duct and Material Handling Hose	3021	11
PU MD Material Handling Hose	3022	12
PVC Mulch Hose	3030	13
SBR Black Material Handling Hose	3035	14

### Petroleum Hose

PU Clear Braided Drop Hose - SΩ	3040	6
PU Black Braided Drop Hose - SΩ	3045	7
PU Standard Clear Vapor Recovery Hose - SΩ	3050	8
PU HD Clear Vapor Recovery Hose - SΩ	3053	9
NBR/PVC Black Braided Drop Hose - SΩ	3058	5

### Water Hose

PVC MD Clear White Helix Suction Hose	3070	18
PVC MD Green Suction Hose	3071	18
PVC HD Sub-Zero Suction Hose	3074	17
PVC HD Clear Braided Suction Hose	3076	15
EPDM Suction & Transfer Hose	3080	16

### Accessories

Banding Coils	3098	21
Banding Sleeves	3099	21

### Couplings & Accessories

Male Adapter x Female Thread	A	22
Female Coupler x Male Thread	B	22
Female Coupler x Hose Shank	C	23
Female Coupler x Female Thread	D	23
Male Adapter x Hose Shank	E	23
Male Adapter x Male Thread	F	24
Anti-Leak Aluminum C x E Cam Lock Couplings	ALF	25
Dust Cap	DC	24
Dust Plug	DP	24
Dust Cap w/Lock Out Handles	DCL	25
Tank Truck API Adapters, Caps & Couplers	DC, DA, DD, G	26
Vapor Recovery Couplers - Type C, Type C Crimp Fitting	C	27
Vapor Recovery Couplers - Type D, Type DA	D, DA	28
Pin Lug Couplings - Aluminum With Brass Swivel	AB	29
Pin Lug Couplings - Replacement Washers	HW	29
Spiral Double Bolt	SDB	30
Nipples - Combination & Victaulic	CN	30





# THERMOPLASTIC HOSE SOLUTIONS

## 3058 NBR/PVC Black Braided Drop Hose



NBR/PVC tube, smooth bore with embedded SΩ ground wire in the hose wall with a sturdy clockwise PVC helix, one braid of high tensile polyester yarn reinforcement. Used to deliver gasoline, diesel fuel, kerosene and fuels with aromatic content to 40%.

## 3040 PU Clear Braided Drop Hose



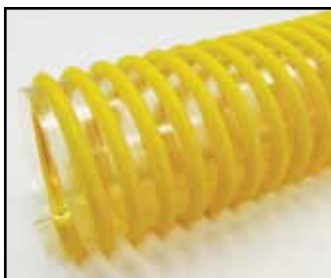
Polyurethane tube, smooth bore with embedded SΩ ground wire in the hose wall with a sturdy clockwise PVC helix, one braid of high tensile polyester yarn reinforcement. Used in the delivery of biofuels, gasoline, kerosene and fuel oil.

## 3045 PU Black Braided Drop Hose



Polyurethane tube, smooth bore with embedded SΩ ground wire in the hose wall with a sturdy clockwise PVC helix, one braid of high tensile polyester yarn reinforcement. Used in the delivery of biofuels, gasoline, kerosene and fuel oil.

## 3050 PU Standard Clear Vapor Recovery Hose



Polyurethane tube with a sturdy clockwise PVC helix with SΩ ground wire embedded into the hose helix. Used to remove vapors from gasoline and alternative fuels to recovery system in tank truck operations.

## 3053 PU HD Clear Vapor Recovery Hose



Polyurethane tube with a sturdy clockwise PVC helix with SΩ ground wire embedded into the hose helix. Used to remove vapors from gasoline and alternative fuels to recovery system in tank truck and terminal operations.

## 3020 PU Lined PVC Material Handling Hose



Polyurethane abrasion resistant liner with a PVC cover and a sturdy clockwise PVC helix. For vacuum and transfer of abrasive crushed rock, gravel, sand or dry fertilizers, fly ash and also used for shot blast recovery.

## 3021 PU Duct and Material Handling Hose



Polyurethane abrasion resistant tube with sturdy clockwise PVC helix. For insulation blowing, fume removal, ducting, ventilation and dust collection.

## 3022 PU MD Material Handling Hose



Medium duty abrasion resistant polyurethane liner with static dissipating PVC cover and sturdy clockwise PVC helix. For dust collection, dry fertilizer, plastic pellets or any dry medium abrasive requirements.

# THERMOPLASTIC HOSE SOLUTIONS



## 3030 PVC Mulch Hose



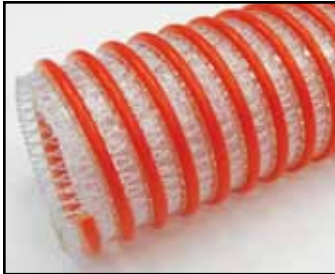
Abrasion resistant PVC tube with sturdy clockwise PVC helix. Standard duty material handling hose to dispense mulch, bark, wood chips or for resurfacing and landscaping.

## 3035 SBR Black Material Handling Hose



Abrasion resistant SBR tube and cover that are both static dissipating. Abrasive suction for crushed rock, sand, dry fertilizer, small gravel and powdered cement. Can also be used as a boom hose for catch basin clean out.

## 3076 PVC HD Clear Braided Suction Hose



PVC tube and sturdy clockwise PVC helix with high tensile strength polyester yarn reinforcement. For HD fish suction and transfer. Also HD water suction and transfer for rental, construction and trash pumps.

## 3080 EPDM Suction Hose



EPDM tube with polyurethane clockwise helix. For septic, waste water and liquid manure handling; agricultural liquid fertilizers and standard duty water suction, as well as suction and transfer for rental, construction and trash pumps.

## 3074 PVC HD Sub-Zero Suction Hose



PVC tube and sturdy clockwise PVC helix. For heavy duty water suction and transfer from rental, construction and trash pumps in sub-zero weather conditions.

## 3070 MD Clear White Helix Suction Hose

## 3071 MD Green Suction Hose



PVC tube and sturdy clockwise PVC helix. For standard medium duty water suction for rental, construction and trash pumps in construction and equipment rental.

## 3000 PVC FDA USDA Clear Braided Material Handling Hose



Polyurethane tube with high tensile strength polyester yarn reinforcement. Clockwise PVC helix with  $\Omega$  ground wire. For heavy duty food grade material handling, railcar unloading, abrasive suction and transfer.

## 3010 PVC FDA USDA 3A Clear Suction Hose



PVC tube and sturdy clockwise PVC helix. For transfer of food grade liquids, such as juices, wine, beer and potable water and dairy products.

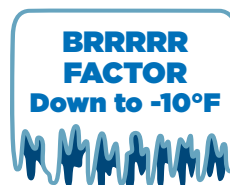


# APPLICATIONS GUIDE

APPLICATIONS	FOOD		MATERIAL HANDLING					PETROLEUM					WATER				
	3000	3010	3020	3021	3022	3030	3035	3040	3045	3050	3053	3058	3070	3071	3074	3076	3080
Fabric Reinforced	X							X	X			X				X	
With Ground Wire	X							X	X	X	X	X			X		
Clear Visual Flow	X	X		X	X	X		X		X	X		X		X	X	
Go Glide External Helix			X	X				X	X	X	X	X				X	X
Cold Temp to -40°F				X	X	X		X	X	X	X				X		X
Abrasive Chute	X			X													
Animal Fat												X					
Bilge Discharge													X	X			X
Biofuel Drop								X	X								
Compost, Seed Transfer						X											
Crushed Gravel Vacuum	X		X														
Dust Collection			X	X	X												
Fertilizer - Dry			X		X												
Fertilizer - Liquid													X	X			X
Fish Suction															X	X	
Fly Ash Collection				X													
Gasoline Drop								X				X					
Gasoline Vapor Recovery										X							
Gold Dredge															X		
Ice Loading		X															
Industrial Vacuum			X														
Insulation Blowing				X													
Liquid Drain Line													X	X			
Liquid Food		X															
Liquid Manure																	X
Material Handling Basic			X	X	X												
Material Handling HD	X		X		X												
Milk Transfer		X															
Mulch, Bark, Wood Chips						X											
Poultry Processing		X															
Seeder Lines													X	X			
Shot Blast Vacuum	X		X														
Truck & Railcar Unloading	X																
Water Suction HD															X	X	
Water Suction Standard													X	X		X	

## 3058

## NBR/PVC DROP HOSE FOR SUCTION AND DELIVERY OF GASOLINE - SΩ



**CONSTRUCTION:** NBR/PVC tube, smooth bore with embedded SΩ ground wire in the hose wall with a sturdy clockwise PVC helix, one braid of high tensile polyester yarn reinforcement.

**TEMPERATURE RANGE:** -10°F (-23°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Used to deliver gasoline, diesel fuel, kerosene and fuels with aromatic content to 40%.

### FEATURES:

- Higher transfer pressures.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- SΩ ground wire embedded into hose wall to help prevent the build-up of static electricity. Wire must be secured to ground to dissipate static electricity.

Part Number	I.D.		O.D.		Rein. Braids	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3058-0200-100</b>	2	50.80	2.68	68.07	1	70	4.83	29.9	1.13	1.68	5.0	127.0
<b>3058-0300-100</b>	3	76.20	3.68	93.47	1	65	4.48	29.9	1.37	2.04	6.0	152.4
<b>3058-0400-100</b>	4	101.60	4.80	121.92	1	65	4.48	29.9	2.16	3.21	8.0	203.2

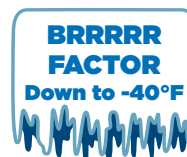
**Note:** Use JASON ORANGE banding sleeves only when securing coupling for 3" and 4" ID's.  
Discharge pressures and vacuum are temperature dependent.  
SΩ = Safety Ohm





# PETROLEUM

## 3040 POLYURETHANE DROP HOSE FOR SUCTION AND DELIVERY OF GASOLINE AND ALTERNATIVE FUELS - SΩ



**CONSTRUCTION:** Polyurethane tube, smooth bore with embedded SΩ ground wire in the hose wall with a sturdy clockwise PVC helix, one braid of high tensile polyester yarn reinforcement.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Used in the delivery of biofuels, gasoline, kerosene and fuel oil.

### FEATURES:

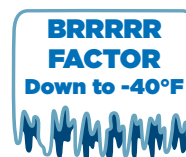
- Higher transfer pressures.
- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- SΩ ground wire embedded into hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.
- Vacuum up to 29" of Hg.

Part Number	I.D. in. mm.	O.D. in. mm.	Rein. Braids	Max W.P. @68°F PSI BAR	Vacuum @68°F	Weight lb./ft. KG/m	Min. Bend Radius in. mm
3040-0200-100	2 50.80	2.46 62.48	1	75 5.17	29.0	0.63 0.94	4.0 101.6
3040-0300-100	3 76.20	3.78 96.01	1	65 4.48	29.0	1.20 1.79	6.0 152.4
3040-0400-100	4 101.60	4.83 122.68	1	65 4.48	29.0	1.71 2.54	8.0 203.2

**Note:** Use JASON GREEN banding sleeves only when securing coupling for 3" and 4" ID's.  
Discharge pressures and vacuum are temperature dependent.  
SΩ = Safety Ohm



## 3045 POLYURETHANE DROP HOSE FOR SUCTION AND DELIVERY OF GASOLINE AND ALTERNATIVE FUELS - SΩ



**CONSTRUCTION:** Polyurethane tube, smooth bore with embedded SΩ ground wire in the hose wall with a sturdy clockwise PVC helix, one braid of high tensile polyester yarn reinforcement.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Used in the delivery of biofuels, gasoline, kerosene and fuel oil.

### FEATURES:

- Higher transfer pressures.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- SΩ ground wire embedded into hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.
- Vacuum up to 29" of Hg.

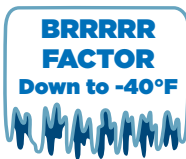
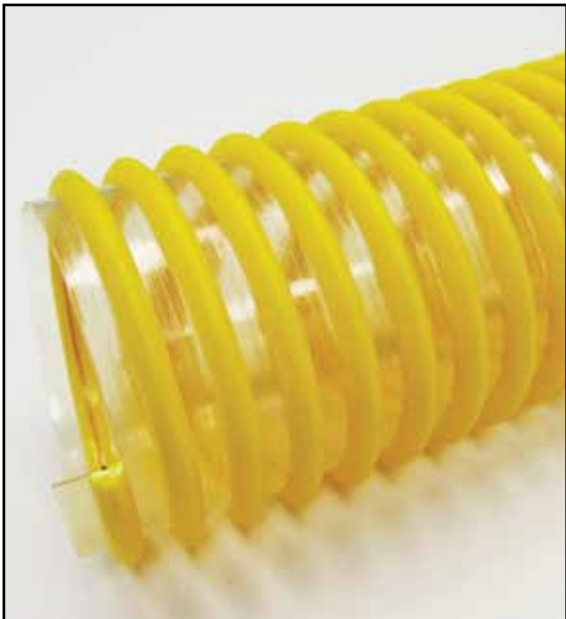
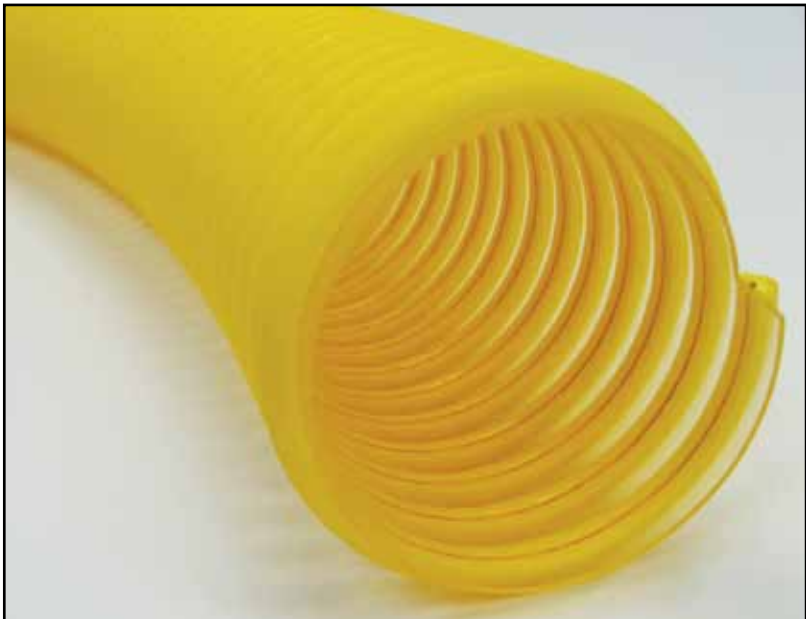
Part Number	I.D.		O.D.		Rein. Braids	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
3045-0200-100	2	50.80	2.46	62.48	1	75	5.17	29.0	0.63	0.94	4.0	101.6
3045-0300-100	3	76.20	3.78	96.01	1	65	4.48	29.0	1.20	1.79	6.0	152.4
3045-0400-100	4	101.60	4.83	122.68	1	65	4.48	29.0	1.71	2.54	8.0	203.2

**Note:** Use JASON GREEN banding sleeves only when securing coupling for 3" and 4" ID's.  
Discharge pressures and vacuum are temperature dependent.  
SΩ = Safety Ohm



# PETROLEUM

## 3050 POLYURETHANE GASOLINE AND ALTERNATIVE FUEL VAPOR RECOVERY HOSE - SΩ



**CONSTRUCTION:** Polyurethane tube with a sturdy clockwise PVC helix with SΩ ground wire embedded into the hose wall.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Used to remove vapors from gasoline and alternative fuels to recovery system in tank truck operations.

### FEATURES:

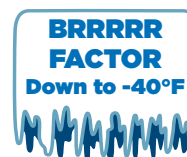
- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- SΩ ground wire embedded into hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.

Part Number	I.D. in. mm.	O.D. in. mm.	Rein.	Max W.P. @68°F PSI BAR	Vacuum @68°F	Weight lb./ft. KG/m	Min. Bend Radius in. mm
3050-0200-100	2 50.80	2.45 62.23	PVC Helix	10 0.69	15.0	0.50 0.74	3.0 76.2
3050-0300-100	3 76.20	3.54 89.92	PVC Helix	8 0.55	15.0	0.79 1.18	4.0 101.6
3050-0400-100	4 101.60	4.57 116.08	PVC Helix	7 0.48	12.0	1.11 1.65	5.0 127.0

**Note:** Use JASON YELLOW banding sleeves only when securing coupling for 2", 3" and 4" ID's.  
SΩ = Safety Ohm

## 3053

## HD POLYURETHANE GASOLINE AND ALTERNATIVE FUEL VAPOR RECOVERY HOSE - SΩ



**CONSTRUCTION:** Polyurethane tube with a sturdy clockwise PVC helix with SΩ ground wire embedded into the hose wall.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Used to remove vapors from gasoline and alternative fuels to recovery system in tank truck and terminal operations.

### FEATURES:

- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- SΩ ground wire embedded into hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.

Part Number	I.D.		O.D.		Rein.	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3053-0300-100</b>	3	76.20	3.57	90.68	PVC Helix	8	0.55	15.0	0.95	1.41	5.0	127.0
<b>3053-0400-100</b>	4	101.60	4.61	117.09	PVC Helix	7	0.48	12.0	1.27	1.89	6.0	152.4

**Note:** Use JASON YELLOW banding sleeves only when securing coupling for 3" and 4" ID's.

SΩ = Safety Ohm

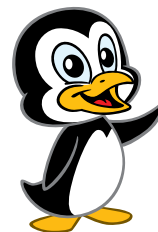




# MATERIAL HANDLING

**3020**

## HD POLYURETHANE LINED, PVC MATERIAL HANDLING HOSE



**BRRRRR  
FACTOR**  
Down to -40°F

**CONSTRUCTION:** Polyurethane abrasion resistant liner with a PVC cover and a sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 1-1/2" to 6" - 100 ft.  
6" and 8" - 20 ft. and 50 ft.

**APPLICATION:** For vacuum and transfer of abrasive crushed rock, gravel, sand or dry fertilizers, fly ash and also used for shot blast recovery.

### FEATURES:

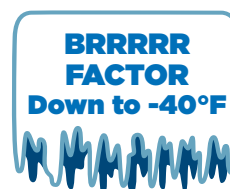
- Abrasion resistant PU liner.
- Static dissipating cover compound.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.

Part Number	I.D.		O.D.		Rein.	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3020-0150-100</b>	1-1/2	38.10	1.85	46.99	PVC Helix	50	3.45	29.0	0.42	0.63	2.0	50.8
<b>3020-0200-100</b>	2	50.80	2.40	60.96	PVC Helix	40	2.76	29.0	0.59	0.88	3.0	76.2
<b>3020-0250-100</b>	2-1/2	63.50	3.09	78.49	PVC Helix	40	2.76	29.0	0.82	1.22	3.0	76.2
<b>3020-0300-100</b>	3	76.20	3.64	92.46	PVC Helix	40	2.76	29.0	1.18	1.76	4.0	101.6
<b>3020-0400-100</b>	4	101.60	4.76	120.90	PVC Helix	35	2.41	29.0	1.94	2.89	6.0	152.4
<b>3020-0600-020</b>	6	152.40	6.80	172.72	PVC Helix	30	2.07	28.0	3.50	5.21	12.0	304.8
<b>3020-0600-050</b>	6	152.40	6.80	172.72	PVC Helix	30	2.07	28.0	3.50	5.21	12.0	304.8
<b>3020-0600-100</b>	6	152.40	6.80	172.72	PVC Helix	30	2.07	28.0	3.50	5.21	12.0	304.8
<b>3020-0800-020</b>	8	203.20	9.16	232.66	PVC Helix	30	2.07	28.0	5.90	8.78	18.0	457.2
<b>3020-0800-050</b>	8	203.20	9.16	232.66	PVC Helix	30	2.07	28.0	5.90	8.78	18.0	457.2

We disclaim any liability for use of our products in applications other than which they are designed.

## 3021

## POLYURETHANE MATERIAL HANDLING AND DUCT HOSE



**CONSTRUCTION:** Polyurethane abrasion resistant tube with sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Insulation blowing, fume removal, ducting, ventilation and dust collection.

### FEATURES:

- Abrasion resistant PU.
- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.

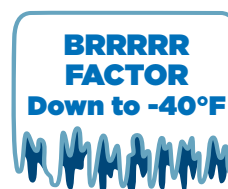
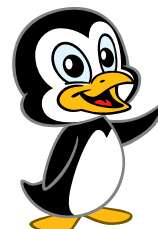
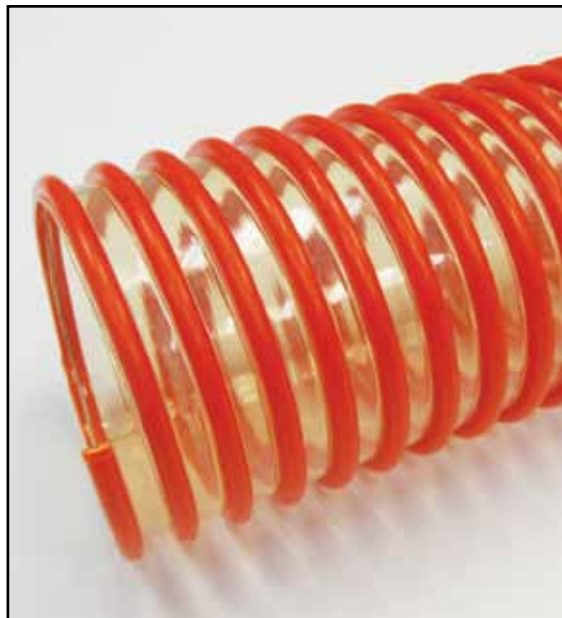
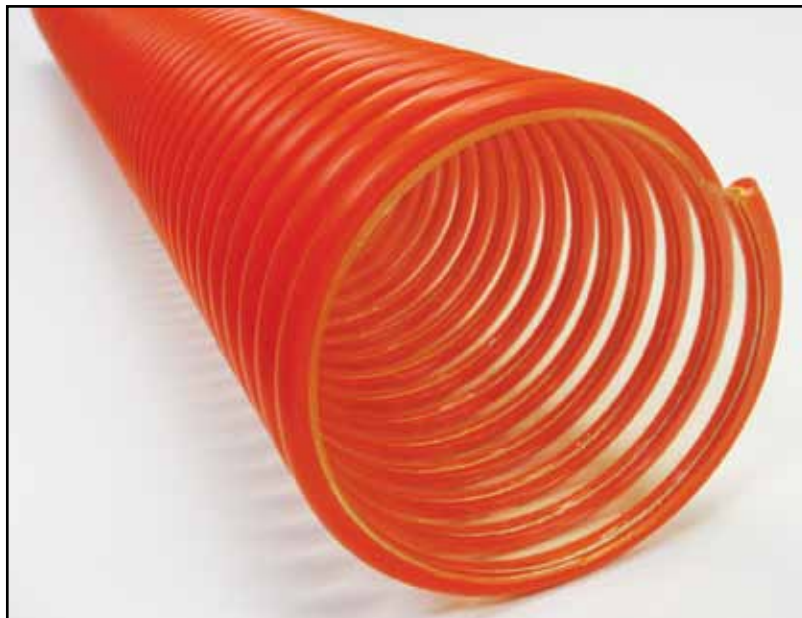
Part Number	I.D.		O.D.		Rein.	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3021-0150-100</b>	1-1/2	38.10	1.82	46.23	PVC Helix	20	1.38	15.0	0.23	0.34	0.70	17.8
<b>3021-0200-100</b>	2	50.80	2.40	60.96	PVC Helix	15	1.03	12.0	0.32	0.48	1.37	34.8
<b>3021-0250-100</b>	2-1/2	63.50	2.90	73.66	PVC Helix	10	0.69	10.0	0.39	0.58	1.37	34.8
<b>3021-0300-100</b>	3	76.20	3.43	87.12	PVC Helix	10	0.69	10.0	0.55	0.82	2.25	57.2
<b>3021-0400-100</b>	4	101.60	4.48	113.79	PVC Helix	8	0.55	8.0	0.77	1.15	3.00	76.2



# MATERIAL HANDLING

3022

## MEDIUM DUTY POLYURETHANE LINED MATERIAL HANDLING HOSE



**CONSTRUCTION:** Medium duty abrasion resistant polyurethane liner with static dissipating PVC cover and sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Dust collection, dry fertilizer, plastic pellets or any dry medium abrasive requirements.

### FEATURES:

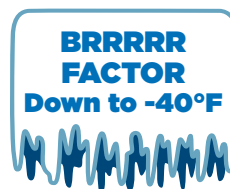
- Abrasion resistant PU tube.
- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- Static dissipating PVC cover compound.

Part Number	I.D. in. mm.	O.D. in. mm.	Rein.	Max W.P. @68°F PSI BAR	Vacuum @68°F	Weight lb./ft. KG/m	Min. Bend Radius in. mm
3022-0150-100	1-1/2 38.10	1.91 48.51	PVC Helix	30 2.07	24.0	0.29 0.43	1.37 34.8
3022-0200-100	2 50.80	2.46 62.48	PVC Helix	25 1.72	22.0	0.40 0.60	2.50 63.5
3022-0250-100	2-1/2 63.50	2.90 73.66	PVC Helix	20 1.38	19.0	0.54 0.80	2.50 63.5
3022-0300-100	3 76.20	3.53 89.66	PVC Helix	20 1.38	18.0	0.68 1.01	4.00 101.6
3022-0400-100	4 101.60	4.57 116.08	PVC Helix	15 1.03	13.0	1.01 1.50	6.00 152.4



## 3030

## PVC MULCH RESURFACING HOSE



**CONSTRUCTION:** Abrasion resistant PVC tube with sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Standard duty material handling hose to dispense mulch, bark, wood chips or for resurfacing and landscaping.

### FEATURES:

- Abrasion resistant PVC tube.
- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.

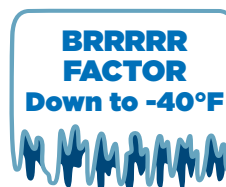
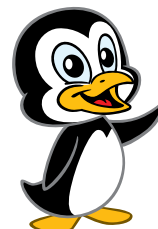
Part Number	I.D.		O.D.		Rein.	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3030-0400-100</b>	4	101.60	4.55	115.57	PVC Helix	35	2.41	29.0	1.35	2.01	9.0	228.6
<b>3030-0500-100</b>	5	127.00	5.60	142.24	PVC Helix	30	2.07	24.0	1.75	2.60	10.0	254.0
<b>3030-0600-100</b>	6	152.40	6.79	172.47	PVC Helix	25	1.72	24.0	2.42	3.60	11.0	279.4



# MATERIAL HANDLING

## 3035

## ABRASION RESISTANT SBR MATERIAL HANDLING HOSE



**CONSTRUCTION:** Abrasion resistant SBR tube and cover that are both static dissipating with a sturdy clockwise helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** All sizes - 100 ft.; 6" - 50 ft.

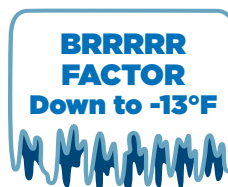
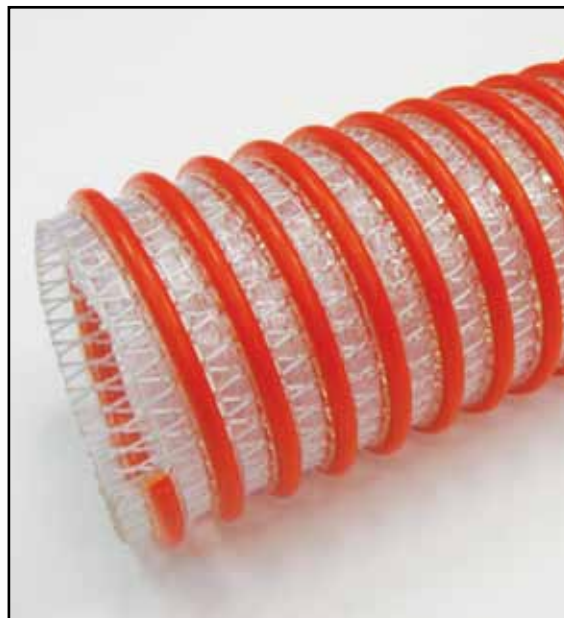
**APPLICATION:** Abrasive suction for crushed rock, sand, dry fertilizer, small gravel and powdered cement. Can also be used as a boom hose for catch basin clean out.

### FEATURES:

- Heavy-duty abrasion resistance.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- No ground wire is needed as the tube and cover compound are static dissipating.
- Lightweight

Part Number	I.D. in. mm.	O.D. in. mm.	Rein.	Max W.P. @68°F PSI BAR	Vacuum @68°F	Weight lb./ft. KG/m	Min. Bend Radius in. mm
<b>3035-0150-100</b>	1-1/2 38.10	1.82 46.23	PVC Helix	45 3.10	29.0	0.37 0.55	2.0 50.8
<b>3035-0200-100</b>	2 50.80	2.35 59.69	PVC Helix	40 2.76	29.0	0.50 0.74	2.5 63.5
<b>3035-0250-100</b>	2-1/2 63.50	2.95 74.93	PVC Helix	35 2.41	29.0	0.88 1.31	2.5 63.5
<b>3035-0300-100</b>	3 76.20	3.51 89.15	PVC Helix	35 2.41	29.0	1.10 1.64	3.0 76.2
<b>3035-0400-100</b>	4 101.60	4.63 117.60	PVC Helix	30 2.07	29.0	1.76 2.62	4.5 114.3
<b>3035-0500-100</b>	5 127.00	5.75 146.05	PVC Helix	30 2.07	28.0	2.47 3.68	5.0 127.0
<b>3035-0600-050</b>	6 152.40	6.73 170.94	PVC Helix	30 2.07	28.0	3.09 4.60	9.0 228.6
<b>3035-0600-100</b>	6 152.40	6.73 170.94	PVC Helix	30 2.07	28.0	3.09 4.60	9.0 228.6

## 3076 HEAVY-DUTY PVC SUCTION & TRANSFER HOSE



**CONSTRUCTION:** PVC tube and sturdy clockwise PVC helix with high tensile strength polyester yarn reinforcement.

**TEMPERATURE RANGE:** -13°F (-25°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 1-1/2" to 6" - 100 ft.  
6", 8" and 10" - 20 ft.

**APPLICATION:** HD fish suction and transfer. Also HD water suction and transfer for rental, construction and trash pumps.

### FEATURES:

- Clear visual flow.
- Higher transfer pressures.
- Excellent flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- Vacuum up to 29" of Hg.

Part Number	I.D.		O.D.		Rein. Braids	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3076-0150-100</b>	1-1/2	38.10	2.03	51.56	1	110	7.58	29.0	0.47	0.70	2.5	63.5
<b>3076-0200-100</b>	2	50.80	2.60	66.04	1	100	6.89	29.0	0.69	1.03	4.0	101.6
<b>3076-0250-100</b>	2-1/2	63.50	3.01	76.45	1	100	6.89	29.0	0.74	1.10	5.0	127.0
<b>3076-0300-100</b>	3	76.20	3.70	93.98	1	100	6.89	28.0	1.13	1.68	6.0	152.4
<b>3076-0400-100</b>	4	101.60	4.78	121.41	1	80	5.52	28.0	1.74	2.59	7.0	177.8
<b>3076-0600-020</b>	6	152.40	7.17	182.12	1	70	4.83	28.0	2.99	4.45	9.0	228.6
<b>3076-0600-100</b>	6	152.40	7.17	182.12	1	70	4.83	28.0	3.88	5.77	10.0	254.0
<b>3076-0800-020</b>	8	203.20	9.34	237.24	1	60	4.14	28.0	5.55	8.26	16.0	406.4
<b>3076-1000-020</b>	10	254.00	11.63	295.40	1	40	2.76	28.0	8.90	13.24	25.0	635.0

**Note:** Discharge pressures and vacuum are temperature dependent.

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# WATER

## 3080

## EPDM SUCTION HOSE



**BRRRRR  
FACTOR**  
Down to -40°F

**CONSTRUCTION:** EPDM tube with polyethylene clockwise helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Septic, waste water and liquid manure handling; agricultural liquid fertilizers and standard duty water suction, as well as suction and transfer for rental, construction and trash pumps.

### FEATURES:

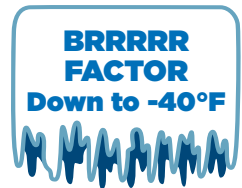
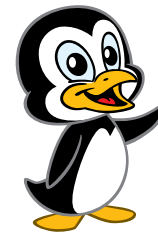
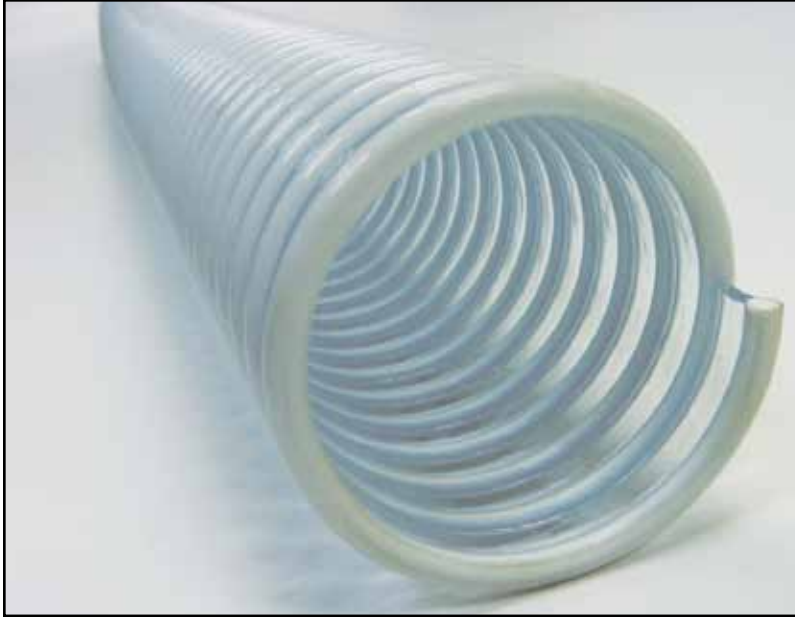
- Mild EPDM chemical resistance.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Clockwise polyethylene helix.
- Vacuum up to 29" of Hg.

Part Number	I.D.		O.D.		Rein.	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3080-0150-100</b>	1-1/2	38.10	1.85	46.99	PE Helix	50	3.45	29.0	0.41	0.61	3.8	96.5
<b>3080-0200-100</b>	2	50.80	2.43	61.72	PE Helix	50	3.45	29.0	0.67	1.00	5.5	139.7
<b>3080-0300-100</b>	3	76.20	3.52	89.41	PE Helix	45	3.10	29.0	1.10	1.64	7.5	190.5
<b>3080-0400-100</b>	4	101.60	4.60	116.84	PE Helix	38	2.62	29.0	1.84	2.74	11.5	292.1

**Note:** Vacuum is temperature dependent.

## 3074

## HD SUB-ZERO COLD WEATHER CLEAR PVC SUCTION HOSE



**CONSTRUCTION:** PVC tube with sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 1-1/2" to 6" - 100 ft.  
6", 8" and 10" - 20 ft.

**APPLICATION:** Heavy duty water suction and transfer for rental, construction and trash pumps in sub-zero weather conditions.

### FEATURES:

- Clear visual flow.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- Vacuum up to 29" of Hg.

**Note:** Vacuum is temperature dependent.

Part Number	I.D.		O.D.		Rein.	Max W.P. @68°F		Vacuum @68°F	Weight		Min. Bend Radius	
	in.	mm.	in.	mm.		PSI	BAR		lb./ft.	KG/m	in.	mm
<b>3074-0100-100</b>	1	25.40	1.22	30.99	PVC Helix	43	2.97	29.0	0.15	0.22	2.0	50.8
<b>3074-0125-100</b>	1-1/4	31.75	1.48	37.59	PVC Helix	36	2.48	29.0	0.18	0.27	2.5	63.5
<b>3074-0150-100</b>	1-1/2	38.10	1.82	46.23	PVC Helix	36	2.48	29.0	0.28	0.42	2.5	63.5
<b>3074-0200-100</b>	2	50.80	2.35	59.69	PVC Helix	36	2.48	29.0	0.44	0.65	3.0	76.2
<b>3074-0250-100</b>	2-1/2	63.50	2.87	72.90	PVC Helix	28	1.93	29.0	0.60	0.89	5.0	127.0
<b>3074-0300-100</b>	3	76.20	3.50	88.90	PVC Helix	28	1.93	29.0	0.85	1.26	6.0	152.4
<b>3074-0400-100</b>	4	101.60	4.63	117.60	PVC Helix	21	1.45	29.0	1.34	1.99	9.0	228.6
<b>3074-0500-100</b>	5	127.00	5.63	143.00	PVC Helix	21	1.45	28.0	2.20	3.27	10.0	254.0
<b>3074-0600-020</b>	6	152.40	6.73	170.94	PVC Helix	21	1.45	28.0	2.72	4.05	11.0	279.4
<b>3074-0600-100</b>	6	152.40	6.73	170.94	PVC Helix	21	1.45	28.0	2.72	4.05	11.0	279.4
<b>3074-0800-020</b>	8	203.20	9.04	229.62	PVC Helix	21	1.45	28.0	4.84	7.20	16.0	406.4
<b>3074-1000-100</b>	10	254.00	11.18	283.97	PVC Helix	14	0.97	28.0	7.06	10.51	30.0	762.0
<b>3074-1200-020</b>	12	304.80	13.30	337.82	PVC Helix	14	0.97	26.0	9.74	14.49	40.0	1016.0

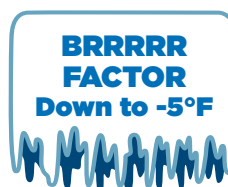
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# WATER

## 3070 MED. DUTY PVC SUCTION HOSE, CLEAR W/ WHITE HELIX

## 3071 MED. DUTY PVC SUCTION HOSE, GREEN W/ GREEN HELIX



**CONSTRUCTION:** PVC tube with a sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -5°F (-21°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Standard medium duty water suction for rental, construction and trash pumps in construction or equipment rental.

### FEATURES:

- Series 3070 with clear visual flow.
- Vacuum up to 29" of Hg.

**Note:** Vacuum is temperature dependent.

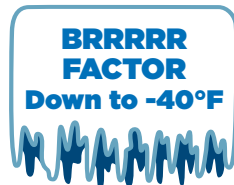
Part Number	I.D. in. mm.	O.D. in. mm.	Rein.	Max W.P. @68°F PSI BAR	Vacuum @68°F	Weight lb./ft. KG/m	Min. Bend Radius in. mm
<b>3070-0100-100</b>	1 25.40	1.18 29.97	PVC Helix	85 5.86	29.0	0.18 0.27	3.0 76.2
<b>3070-0125-100</b>	1-1/4 31.75	1.46 37.08	PVC Helix	85 5.86	29.0	0.24 0.36	4.0 101.6
<b>3070-0150-100</b>	1-1/2 38.10	1.72 43.69	PVC Helix	64 4.41	29.0	0.33 0.49	5.0 127.0
<b>3070-0200-100</b>	2 50.80	2.28 57.91	PVC Helix	57 3.93	29.0	0.55 0.82	8.0 203.2
<b>3070-0250-100</b>	2-1/2 63.50	2.83 71.88	PVC Helix	50 3.45	29.0	0.79 1.18	10.0 254.0
<b>3070-0300-100</b>	3 76.20	3.35 85.09	PVC Helix	50 3.45	29.0	0.97 1.44	12.0 304.8
<b>3070-0400-100</b>	4 101.60	4.45 113.03	PVC Helix	50 3.45	29.0	1.71 2.54	14.0 355.6
<b>3070-0600-100</b>	6 152.40	6.65 168.91	PVC Helix	21 1.45	27.0	3.65 5.43	25.0 635.0
<b>3071-0100-100</b>	1 25.40	1.18 29.97	PVC Helix	85 5.86	29.0	0.18 0.27	3.0 76.2
<b>3071-0125-100</b>	1-1/4 31.75	1.46 37.08	PVC Helix	85 5.86	29.0	0.24 0.36	4.0 101.6
<b>3071-0150-100</b>	1-1/2 38.10	1.72 43.69	PVC Helix	64 4.41	29.0	0.33 0.49	5.0 127.0
<b>3071-0200-100</b>	2 50.80	2.28 57.91	PVC Helix	57 3.93	29.0	0.55 0.82	8.0 203.2
<b>3071-0250-100</b>	2-1/2 63.50	2.83 71.88	PVC Helix	50 3.45	29.0	0.79 1.18	10.0 254.0
<b>3071-0300-100</b>	3 76.20	3.35 85.09	PVC Helix	50 3.45	29.0	0.97 1.44	12.0 304.8
<b>3071-0400-100</b>	4 101.60	4.45 113.03	PVC Helix	50 3.45	29.0	1.71 2.54	14.0 355.6
<b>3071-0600-100</b>	6 152.40	6.65 168.91	PVC Helix	21 1.45	27.0	3.65 5.43	25.0 635.0

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## 3000

## POLYURETHANE FDA USDA MATERIAL HANDLING HOSE - SΩ



**CONSTRUCTION:** Polyurethane tube with high tensile strength polyester yarn reinforcement. Clockwise PVC helix with SΩ ground wire.

**TEMPERATURE RANGE:** -40°F (-40°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Heavy duty food grade material handling, railcar unloading, abrasive suction and transfer.

### FEATURES:

- Meets FDA requirements.
- Approved by USDA for use in meat & poultry plants.
- Clear visual flow.
- Higher transfer pressures.
- Safety Ohm (SΩ) ground wire embedded into the hose wall to help prevent the build-up of static electricity. SΩ wire must be secured to ground to dissipate static electricity.
- -40°F cold weather resistance.
- Sub-zero flexibility.
- Easy to drag with "Go-Glide" external clockwise PVC helix.
- Vacuum up to 29" of Hg.

Part Number	I.D. in.	I.D. mm.	O.D. in.	O.D. mm.	Rein. Braid	Max W.P. @68°F PSI	Max W.P. @68°F BAR	Vacuum @68°F	Weight lb./ft.	Weight KG/m	Min. Bend Radius in.	Min. Bend Radius mm
3000-0300-100	3	76.20	3.80	96.52	1	70	4.83	29.0	1.20	1.79	4.0	101.6
3000-0400-100	4	101.60	4.85	123.19	1	65	4.48	29.0	1.60	2.38	6.0	152.4
3000-0500-100	5	127.00	5.80	147.32	1	45	3.10	28.0	2.46	3.66	10.0	254.0
3000-0600-100	6	152.40	6.92	175.77	1	40	2.76	28.0	2.86	4.26	12.0	304.8

**Note:** Vacuum and discharge pressures are temperature dependent.

SΩ = Safety Ohm

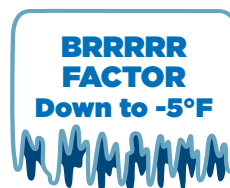
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# FOOD

## 3010

## HD PVC FDA USDA 3-A LIQUID FOOD SUCTION HOSE



**CONSTRUCTION:** PVC tube with a sturdy clockwise PVC helix.

**TEMPERATURE RANGE:** -5°F (-23°C) to +140°F (+60°C)

**STANDARD LENGTHS:** 100 ft. lengths

**APPLICATION:** Transfer of food grade liquids, such as juices, wine, beer and potable water and dairy products.

### FEATURES:

- Meets FDA requirements.
- Approved by USDA for use in meat and poultry plants.
- Meets 3-A sanitary standards, which includes processing dairy products.
- Clear visual flow.
- Vacuum up to 29" of Hg.

Part Number	I.D. in. mm.	O.D. in. mm.	Rein.	Max W.P. @68°F PSI BAR	Vacuum @68°F	Weight lb./ft. KG/m	Min. Bend Radius in. mm
<b>3010-0100-100</b>	1 25.40	1.24 31.50	PVC Helix	71 4.90	29.9	0.26 0.39	3.0 76.2
<b>3010-0125-100</b>	1-1/4 31.75	1.54 39.12	PVC Helix	64 4.41	29.9	0.34 0.51	4.0 101.6
<b>3010-0150-100</b>	1-1/2 38.10	1.82 46.23	PVC Helix	57 3.93	29.9	0.44 0.65	6.0 152.4
<b>3010-0200-100</b>	2 50.80	2.39 60.71	PVC Helix	57 3.93	29.9	0.74 1.10	8.0 203.2
<b>3010-0250-100</b>	2-1/2 63.50	2.93 74.42	PVC Helix	57 3.93	29.9	1.01 1.50	10.0 254.0
<b>3010-0300-100</b>	3 76.20	3.43 87.12	PVC Helix	57 3.93	29.9	1.21 1.80	12.0 304.8
<b>3010-0400-100</b>	4 101.60	4.53 115.06	PVC Helix	43 2.97	29.9	2.02 3.01	15.0 381.0

**Note:** Vacuum and discharge pressures are temperature dependent.

## 3098

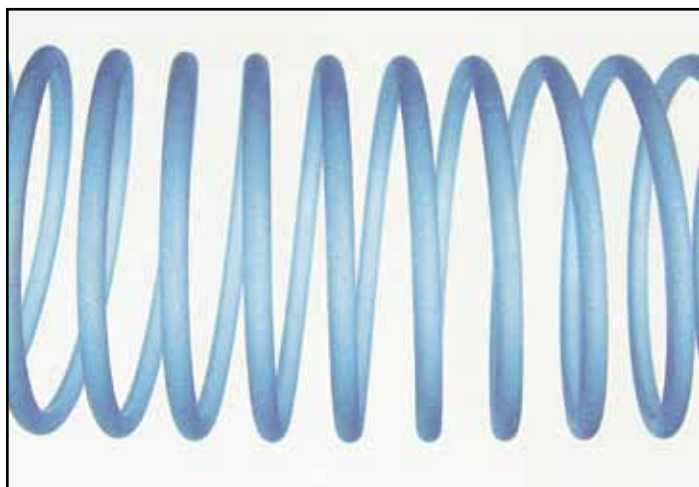
## BANDING COILS

**CONSTRUCTION:** Clear FDA PVC.

**APPLICATION:** Clockwise coils allow for a better coupling securing surface on the hose O.D.

**FEATURES:**

- Made with clear FDA PVC, 3098 can be used on any thermoplastic cover compound.
- Fits high profile clockwise O.D. corrugations for a smooth coupling securing surface.
- Fits low profile clockwise O.D. corrugations for a slightly raised coupling securing surface.
- Cut one length in half to accomodate both ends of one hose assembly.



Part Number	Fits Hose ID		Coil Length	
	in.	mm.	in.	mm.
<b>3098-0150</b>	1-1/2	38.1	6	152.4
<b>3098-0200</b>	2	50.8	7	177.8
<b>3098-0250</b>	2-1/2	63.5	8	203.2
<b>3098-0300</b>	3	76.2	8	203.2
<b>3098-0400</b>	4	101.6	9	228.6
<b>3098-0500</b>	5	127.0	10	254.0
<b>3098-0600</b>	6	152.4	14	355.6

## 3099

## BANDING SLEEVES

**CONSTRUCTION:** Green, yellow or orange PVC

**APPLICATION:** Banding sleeves are made to thread over the outside of Jason thermoplastic petroleum hoses to allow better coupling securing surface on the O.D. of the hose.

**FEATURES:**

- Color-coded to fit specific Jason petroleum hoses
- Clockwise threading
- All sleeve lengths are 3 ft.



Cut to 12" sleeves for each end of the assembly.



Part Number	Fits Hose ID		Use On Hose Series	Sleeve Color
	in.	mm.		
<b>3099-03-3040</b>	3	76.2	3040	Green
<b>3099-04-3040</b>	4	101.6	3040	Green
<b>3099-03-3045</b>	3	76.2	3045	Green
<b>3099-04-3045</b>	4	101.6	3045	Green
<b>3099-02-3050</b>	2	50.8	3050	Yellow
<b>3099-03-3050</b>	3	76.2	3050	Yellow
<b>3099-04-3050</b>	4	101.6	3050	Yellow
<b>3099-03-3053</b>	3	76.2	3053	Yellow
<b>3099-04-3053</b>	4	101.6	3053	Yellow
<b>3099-03-3058</b>	3	76.2	3058	Orange
<b>3099-04-3058</b>	4	101.6	3058	Orange





# CAM & GROOVE COUPLINGS

Separate parts provide unique, quick coupling hose connections for liquids or solids. All parts (3/4" to 6", not including the 5" ID) are manufactured to comply with MIL Spec A-A-59326A. They will interchange with couplings manufactured to the same standards (excluding 1/2" and 8"). Female couplers are supplied with safety pins. Cam arms are 304 stainless steel. 5" parts are made to ASTM specifications. **Anodized hardcoat couplings are available. Contact Jason Customer Service for details.**

## Working Pressures (maximum PSI) for Cam and Groove Couplers and Adapters

Size	Aluminum	Stainless Steel	Brass	Polypropylene
1/2		150		125
3/4	250	250	250	125
1	250	250	250	125
1-1/4	250	250	250	100
1-1/2	250	250	250	100
2	250	250	250	100
2-1/2	150	150	150	
3	125	125	125	75
4	100	100	100	60
5	75	75	75	
6	75	75	75	
8	50	50	50	

● Metal coupling pressures are based on ambient temperature (+70°F or +21°C) with standard NBR gasket.

● Plastic coupling pressures are based on ambient temperature (+70°F or +21°C) with standard NBR gasket.

## PART A MALE ADAPTER x FEMALE THREAD

Male end fits coupler or Dust Cap. Female thread end is NPT.



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		A050S	A050SS		A050P
3/4	A075A	A075S	A075SS	A075B	A075P
1	A100A	A100S	A100SS	A100B	A100P
1-1/4	A125A	A125S	A125SS	A125B	A125P
1-1/2	A150A	A150S	A150SS	A150B	A150P
2	A200A	A200S	A200SS	A200B	A200P
2-1/2	A250A	A250S	A250SS	A250B	
3	A300A	A300S	A300SS	A300B	A300P
4	A400A	A400S	A400SS	A400B	A400P
5	A500A				
6	A600A	A600S	A600SS	A600B	
8	A800A**				
8	A801A**				

## PART B FEMALE COUPLER x MALE THREAD

Female end fits male adapter or Dust Plug. Male end thread is NPT. Bowl has recess for washer replacement.



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		B050S	B050SS		B050P
3/4	B075A	B075S	B075SS	B075B	B075P
1	B100A	B100S	B100SS	B100B	B100P
1-1/4	B125A	B125S	B125SS	B125B	B125P
1-1/2	B150A	B150S	B150SS	B150B	B150P
2	B200A	B200S	B200SS	B200B	B200P
2-1/2	B250A	B250S	B250SS	B250B	
3	B300A	B300S	B300SS	B300B	B300P
4	B400A	B400S	B400SS	B400B	B400P
5	B500A				
6	B600A	B600S	B600SS	B600B	
8	B800A**				
8	B801A**				

All sizes may not be stocked in all locations. Check with customer service for availability.

\*\*See Page 25 for interchange.

**We disclaim any liability for use of our products in applications other than which they are designed.**

# CAM & GROOVE COUPLINGS



## PART C

## FEMALE COUPLER x HOSE SHANK

Female end fits male adapter or Dust Plug. Shank fits into hose ID. Bowl has recess for washer replacement.

**DO NOT  
CRIMP WITH  
FERRULES**



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		C050S	C050SS		C050P
3/4	C075A	C075S	C075SS	C075B	C075P
1	C100A	C100S	C100SS	C100B	C100P
1-1/4	C125A	C125S	C125SS	C125B	C125P
1-1/2	C150A	C150S	C150SS	C150B	C150P
2	C200A	C200S	C200SS	C200B	C200P
2-1/2	C250A	C250S	C250SS	C250B	
3	C300A	C300S	C300SS	C300B	C300P
4	C400A	C400S	C400SS	C400B	C400P
5	C500A				
6	C600A	C600S	C600SS	C600B	
8	C800A**				
8	C801A**				

## PART D

## FEMALE COUPLER x FEMALE THREAD

Female end fits male adapter or Dust Plug. Female end thread is NPT. Bowl has recess for washer replacement.



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		D050S	D050SS		D050P
3/4	D075A	D075S	D075SS	D075B	D075P
1	D100A	D100S	D100SS	D100B	D100P
1-1/4	D125A	D125S	D125SS	D125B	D125P
1-1/2	D150A	D150S	D150SS	D150B	D150P
2	D200A	D200S	D200SS	D200B	D200P
2-1/2	D250A	D250S	D250SS	D250B	
3	D300A	D300S	D300SS	D300B	D300P
4	D400A	D400S	D400SS	D400B	D400P
5	D500A				
6	D600A	D600S	D600SS	D600B	
8	D800A**				
8	D801A**				

## PART E

## MALE ADAPTER x HOSE SHANK

Male end fits female coupler or Dust Cap. Shank fits into hose ID.

**DO NOT CRIMP  
WITH  
FERRULES**



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		E050S	E050SS		E050P
3/4	E075A	E075S	E075SS	E075B	E075P
1	E100A	E100S	E100SS	E100B	E100P
1-1/4	E125A	E125S	E125SS	E125B	E125P
1-1/2	E150A	E150S	E150SS	E150B	E150P
2	E200A	E200S	E200SS	E200B	E200P
2-1/2	E250A	E250S	E250SS	E250B	
3	E300A	E300S	E300SS	E300B	E300P
4	E400A	E400S	E400SS	E400B	E400P
5	E500A				
6	E600A	E600S	E600SS	E600B	
8	E800A**				
8	E801A**				

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\*\*See Page 25 for interchange.

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# CAM & GROOVE COUPLINGS

## PART F

## MALE ADAPTER x MALE THREAD

Male end fits female coupler or Dust Cap. Male end thread is NPT.



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		F050S	F050SS		F050P
3/4	F075A	F075S	F075SS	F075B	F075P
1	F100A	F100S	F100SS	F100B	F100P
1-1/4	F125A	F125S	F125SS	F125B	F125P
1-1/2	F150A	F150S	F150SS	F150B	F150P
2	F200A	F200S	F200SS	F200B	F200P
2-1/2	F250A	F250S	F250SS	F250B	
3	F300A	F300S	F300SS	F300B	F300P
4	F400A	F400S	F400SS	F400B	F400P
5	F500A				
6	F600A	F600S	F600SS	F600B	
8	F800A**				
8	F801A**				

## PART DC

## DUST CAP

Fits male adapters.



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		DC050S	DC050SS		DC050P
3/4	DC075A	DC075S	DC075SS	DC075B	DC075P
1	DC100A	DC100S	DC100SS	DC100B	DC100P
1-1/4	DC125A	DC125S	DC125SS	DC125B	DC125P
1-1/2	DC150A	DC150S	DC150SS	DC150B	DC150P
2	DC200A	DC200S	DC200SS	DC200B	DC200P
2-1/2	DC250A	DC250S	DC250SS	DC250B	
3	DC300A	DC300S	DC300SS	DC300B	DC300P
4	DC400A	DC400S	DC400SS	DC400B	DC400P
5	DC500A				
6	DC600A	DC600S	DC600SS	DC600B	
8	DC800A**				
8	DC801A**				

## PART DP

## DUST PLUG

Fits male adapters.



Size	PART NUMBER				Black SCH.80 Polypropylene
	Aluminum	304 Stainless	316 Stainless	Brass	
1/2		DP050S	DP050SS		DP050P
3/4	DP075A	DP075S	DP075SS	DP075B	DP075P
1	DP100A	DP100S	DP100SS	DP100B	DP100P
1-1/4	DP125A	DP125S	DP125SS	DP125B	DP125P
1-1/2	DP150A	DP150S	DP150SS	DP150B	DP150P
2	DP200A	DP200S	DP200SS	DP200B	DP200P
2-1/2	DP250A	DP250S	DP250SS	DP250B	
3	DP300A	DP300S	DP300SS	DP300B	DP300P
4	DP400A	DP400S	DP400SS	DP400B	DP400P
5	DP500A				
6	DP600A	DP600S	DP600SS	DP600B	
8	DP800A**				
8	DP801A**				

All sizes may not be stocked in all locations. Check with customer service for availability.

\*\*See Page 25 for interchange.

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# CAM & GROOVE COUPLINGS



## SERIES 800 & SERIES 801 8" CAM & GROOVE INTERCHANGE

There has always been a problem with interchangeability with 8" cam and groove couplings. Jason now introduces the **801 SERIES** in addition to the current line to solve that problem. Below you will see how the **800** and **801** Series match up:

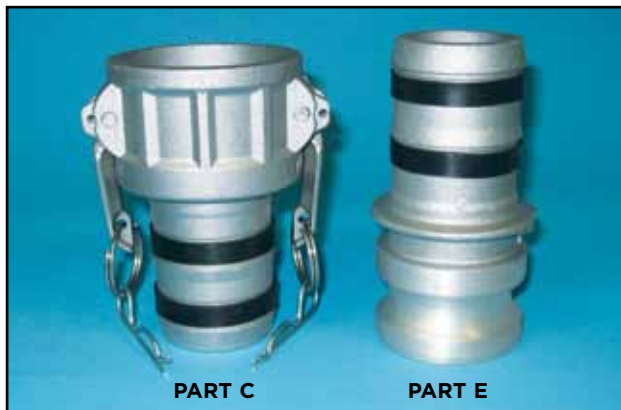
800 Series Interchanges with: PT Domestic, Kuriyama of America	
Jason Part Numbers	
A800A	E800A
B800A	F800A
C800A	DC800A
D800A	DP800A

801 Series Interchanges with: Dixon Andrews, NECO, Evertite/APG, PT Import	
Jason Part Numbers	
A801A	E801A
*B801A	*F801A
C801A	*DC801A
D801A	*DP801A

\*Check with customer service for availability.

## ANTI-LEAK ALUMINUM C x E CAM-LOCK COUPLINGS

This new cam-lock employs a patented design that relies on two bands of rubber that act as a type of gasket surrounding two specific grooves on the cam-lock shank. When the hose wall is compressed against the bands of rubber, a preventive barrier is formed reducing the chance for leaks around the couplings.



Size	Part No.
1-1/2" Part C	C150ALF
2" Part C	C200ALF
3" Part C	C300ALF
1-1/2" Part E	E150ALF
2" Part E	E200ALF
3" Part E	E300ALF

### REPLACEMENT BANDS - NITRILE

ID	1-1/2"	2"	3"	4"	6"
Part No.	RB15NBR	RB20NBR	RB30NBR	RB40NBR	RB60NBR

## PART DCL DUST CAP WITH LOCK OUT HANDLES

Handles fold over top of cap. Hole provided for padlock or seal. Padlock or seal not furnished.



Size	PART NUMBER	
	Aluminum with SS Handles	Stainless Steel with SS Handles
1-1/2	DCL150A	DCL150S
2	DCL200A	DCL200S
2-1/2	DCL250A	DCL250S
3	DCL300A	DCL300S
4	DCL400A	DCL400S
6	DCL600A	DCL600S

All sizes may not be stocked in all locations. Check with customer service for availability.

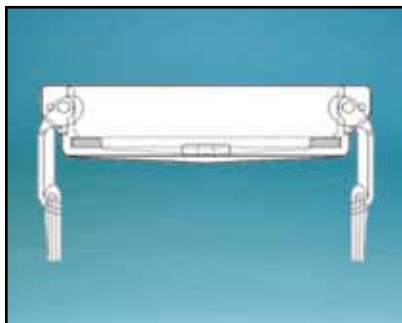
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# CAM & GROOVE COUPLINGS

## TANK TRUCK API ADAPTERS, CAPS & COUPLERS

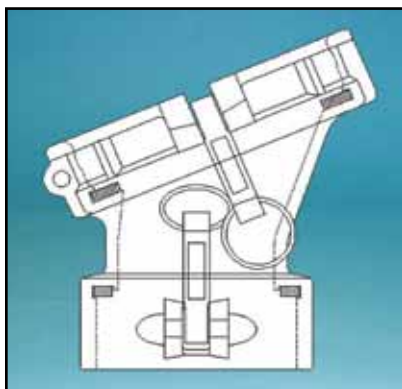
For offloading through the API adapter and coupler.



Size	Part No.	Description	Material
4"	DC400ATC	API Dust Cap	Aluminum
4"	DC400PTC	API Dust Cap	Polypropylene



Size	Part No.	Description	Material
4" x 3"	DA4030ATC	4" API Coupler x 3" Adapter	Aluminum
4" x 4"	DA4040ATC	4" API Coupler x 4" Adapter	Aluminum



Size	Part No.	Description	Material
4" x 4"	DD4040ATC	4" API Coupler x 4" Coupler	Aluminum

Size	Part No.	Description	Material
4"	G400NBRTC	Gasket for 4" API Coupler	Nitrile

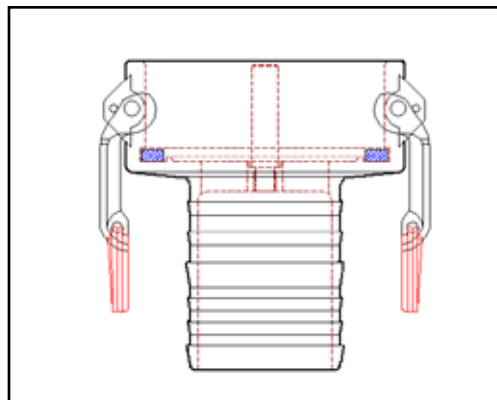
All sizes may not be stocked in all locations. Check with customer service for availability.

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# CAM & GROOVE COUPLINGS



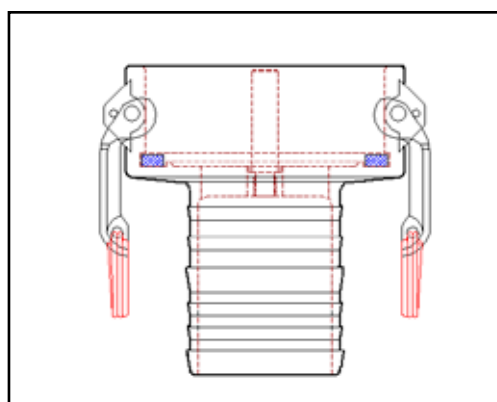
## VAPOR RECOVERY COUPLER TYPE C FEMALE COUPLER x HOSE SHANK



Part No.	Size	Size Description
C4030AVP	4" x 3"	4" Coupler w/Probe x 3" Hose Shank
C300AVP	3"	3" Coupler w/Probe x 3" Hose Shank
C400AVP	4"	4" Coupler w/Probe x 4" Hose Shank

**Note:** Do not crimp with ferrules.  
For vapor recovery only. Not intended for liquid service.

## VAPOR RECOVERY COUPLER - CRIMP FITTING TYPE C FEMALE COUPLER x HOSE SHANK



Part No.	Size	Size Description
C4030AVPC	4" x 3"	4" Coupler w/Probe x 3" Hose Shank
C300AVPC	3"	3" Coupler w/Probe x 3" Hose Shank
C400AVPC	4"	4" Coupler w/Probe x 4" Hose Shank

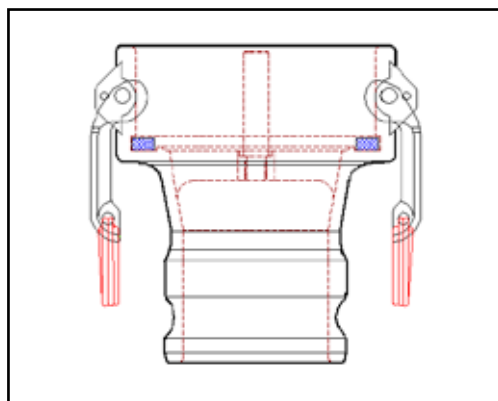
**Note:** For vapor recovery only. Not intended for liquid service.





# CAM & GROOVE COUPLINGS

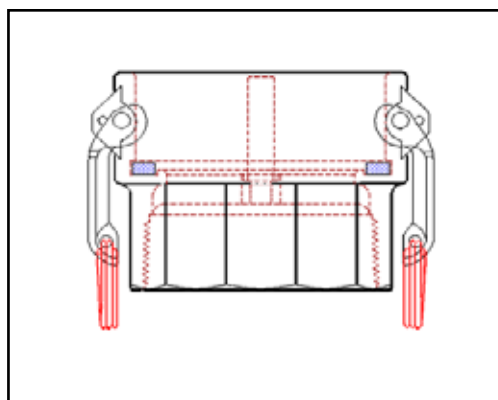
## VAPOR RECOVERY COUPLER TYPE DA FEMALE COUPLER x MALE ADAPTER



Part No.	Size	Size Description
DA4030AVP	4" x 3"	4" Coupler w/Probe x 3" Adapter

**Note:** For vapor recovery only. Not intended for liquid service.

## VAPOR RECOVERY COUPLER TYPE D FEMALE COUPLER x FEMALE THREAD



Part No.	Size	Size Description
D4030AVP	4" x 3"	4" Coupler w/Probe x 3" Female Thread (NPT)
D300AVP	3"	3" Coupler w/Probe x 3" Female Thread (NPT)
D400AVP	4"	4" Coupler w/Probe x 4" Female Thread (NPT)

**Note:** For vapor recovery only. Not intended for liquid service.

# PIN LUG COUPLINGS



Threaded couplings for suction or discharge of water or other fluids. Standard threading is NPSM; National Pipe Straight Mechanical. 1-1/2" and 2-1/2" are available with additional NST thread; American National Fire Hose Straight Thread. (NST does not interchange). Pin lugs are on all sizes of female end. 2-1/2" through 6" have pin lugs on male end.

## SET (M x F) PIN LUG SHANK COUPLINGS



Size	Thread	Aluminum W Brass Swivel
1-1/2	NPSM	AB150
1-1/2	NST	AB150NST
2	NPSM	AB200
2-1/2	NPSM	AB250
2-1/2	NST	AB250NST
3	NPSM	AB300
4	NPSM	AB400
6	NPSM	AB600

Iron Pin Lug Couplings available by special order.

## FEMALE PIN LUG SHANK COUPLINGS



Size	Thread	Aluminum W Brass Swivel
1-1/2	NPSM	AB150
1-1/2	NST	AB150NST
2	NPSM	AB200
2-1/2	NPSM	AB250
2-1/2	NST	AB250NST
3	NPSM	AB300
4	NPSM	AB400
6	NPSM	AB600

## REPLACEMENT WASHERS FOR PIN LUG SHANK COUPLINGS

COUPLING SIZE	1-1/2	1-1/2 NST	2	2-1/2	2-1/2 NST	3	4	6
PART NUMBER	HW150	HW150NST	HW200	HW250	HW250NST	HW300	HW400	HW600

All sizes may not be stocked in all locations. Check with customer service for availability.

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# CLAMPS & NIPPLES

## DOUBLE BOLT HOSE CLAMPS FOR CORRUGATED HOSE



Clamps (for corrugated hose) manufactured in either clockwise (right hand) or counter clockwise (left hand) design, the spiral double bolt clamp fits between the convolutions on corrugated hose. When fully tightened, the wire secures the full circumference of the outside hose wall - not the convolutions, for a safe, economical and efficient securing method. Consult hose manufacturer for correct convolution direction. Direction of clamp spiral and hose convolution are the same.

Hose ID	1-1/2	2	2-1/2	3	4
<b>Part No*</b>	SDB150	SDB200	SDB250	SDB300	SDB400
<b>Hose ID</b>	5	6	8	10	12
<b>Part No*</b>	SDB500	SDB600	SDB800	SDB1000	SDB1200

\*Specify clockwise - cw or counterclockwise - ccw

## COMBINATION HOSE NIPPLES



**PLATED**



**STAINLESS**

CN's are used in a variety of fluid applications. They are available in unplated steel, plated steel, polypropylene and 304 stainless steel. End (male) threads are NPT (will mate with foot valves, strainers, cam and groove part A, D etc.) and are the same size as shank.

**Not for use with crimp ferrule.**



**POLYPROPYLENE**



**VICTAULIC**

Hose ID	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2
<b>Part No</b>							
<b>Unplated</b>	CN050	CN075	CN100	CN125	CN150	CN200	CN250
<b>Plated</b>	CN050P	CN075P	CN100P	CN125P	CN150P	CN200P	CN250P
<b>304 Stainless</b>	CN050S	CN075S	CN100S	CN125S	CN150S	CN200S	CN250S
<b>Polypropylene*</b>	CN050PP	CN075PP	CN100PP	CN125PP	CN150PP	CN200PP	CN250PP
<b>Victaulic</b>	CN050V	CN075V	CN100V	CN125V	CN150V	CN200V	CN250V

Hose ID	3	4	5	6	8	10	12
<b>Part No</b>							
<b>Unplated</b>	CN300	CN400	CN500	CN600	CN800	CN1000	CN1200
<b>Plated</b>	CN300P	CN400P	CN500P	CN600P	CN800P	CN1000P	CN1200P
<b>304 Stainless</b>	CN300S	CN400S		CN600S			
<b>Polypropylene*</b>	CN300PP	CN400PP					
<b>Victaulic</b>	CN300V	CN400V		CN600V	CN800V		

\*Black Schedule 80

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# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



**WARNING:** Responsibility for determining the suitability of any hose for any application rests with the user. Therefore, the user assumes all risks regarding any chemical or chemicals used in or around the hose. Neglecting to make this determination may result in hose failure, possible damage to property and or serious bodily injury. Jason disclaims any liability for use of our products in applications other than which they are designed.

**1-EXCELLENT**

**2-GOOD**

**3-LIMITED**

**4-UNSATISFACTORY**

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Acetaldehyde	4	4	4	4	4	4
Acetaldehyde 40%	4	4			4	4
Acetate solvents, crude	4	4			3	4
Acetate solvents, pure	4	4			3	4
Acetic Acid 0 -1%	1	2	1	1	4	4
Acetic Acid 20 -30%	1	2	3	3	4	4
Acetic Acid 80%	2	2	4	4	4	4
Acetic Acid Vapors	1	2			4	4
Acetic Acid Glacial	2	3			4	4
Acetic Anhydride	4	4	4	4	4	4
Acetone	2	3	4	4	3	4
Acetylene	1	1			1	1
Acrylonitrile	1	2				
Adipic Acid	2	3			4	4
Allyl Alcohol 96%	4	4			4	4
Allyl Chloride	3	3			4	4
Alum	1	1	1	1	1	1
Aluminum Acetate	2	3				
Aluminum Alkyl	4	4				
Aluminum Chloride	1	1			3	3
Aluminum Flouride	1	1			1	1
Aluminum Hydroxide	1		1	1	2	3
Aluminum Nitrate	1	2			1	1
Aluminum Oxychloride	1	1				
Aluminum Phosphate Solution	4	4				
Aluminum Salts	1	1				
Aluminum Sulphate	1	1			1	1
Aminoethanol	2					
Ammonia - Aqueous	1				3	4
Ammonia - Dry Gas	3	4			3	4
Ammonia Liquid	4	4			3	4
Ammoniated Latex	1	3				
Ammonium Acetate	1	1				
Ammonium Bicarbonate	1	1				
Ammonium Carbonate	1	1			1	1
Ammonium Chloride Solution	1	1			2	3
Ammonium Flouride 25%	4	4			3	4
Ammonium Hydroxide (30% NH)	4	4	3	3	3	4
Ammonium Metaphosphate	1	1			2	2
Ammonium Nitrate	1	1			2	2
Ammonium Persulfate	1	1			2	2
Ammonium Phosphate Solutions	1	1				
Ammonium Sulfate	1	1				
Ammonium Sulfide	1	1	1	1	1	1
Ammonium Thiocyanate	1	1			2	2
Amyl Acetate	4	4				
Amyl Alcohol	1	2			4	4
Amyl Chloride	4	4				
Aniline	2	3			4	4
Aniline Chlorohydrate	4	4			4	4
Aniline Hydrochloride	4	4			4	4
Animal Gelatin	1		4	4		
Animal Oil	1	1	4	4		



# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE

1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Ant Oil	4	4				
Anthraquinone	1	1				
Anthraquinonesulfonic Acid	1	1			4	4
Antifreeze	1	1				
Antimony Chloride	1					
Antimony Salts	1					
Antimony Trichloride	1	1			1	1
Apple Juice	1	1				
Aqua Ammonia	4	4				
Aqua Regia	3	4			4	4
Argon Compressed	4	4				
Aromatic Hydrocarbons	3	3				
Arsenic Acid 80%	1	2			4	4
Arsenic Trichloride	1	1			1	1
Arsenic Trioxide	1					
Arylsulfonic Acid	3	4			4	4
Askarel (Transformer Oil)	4	4				
Asphalt	4	4				
ASTM Fuel Oil #1	1	1	4	4	1	1
ASTM Fuel Oil #2	4	4	4	4		
ASTM Fuel Oil #3	2	3	4	4	1	1
ASTM Fuel A	2	2	4	4	1	1
ASTM Fuel B	4	4	4	4	2	3
ASTM Fuel C	4	4	4	4	2	3
Baby Food	1	1				
Baltic Types 100, 150, 200, 300, 500	2					
Barium Carbonate	1	1			1	1
Barium Chloride	1	1			1	1
Barium Hydroxide	1	1			2	3
Barium Sulfate	1	1			1	1
Barium Sulfide	1	1			1	1
Barley	1	4				
Basic Copper Arsenate	1					
Beer	1	1	1	1		
Beet Sugar - Liquor	1	1				
Bellows 80-20 Hydraulic Oil	2					
Benzaldehyde	4	4				
Benzene	4	4	4	4		
Benzidine	4	4				
Benzoic Acid	2	3			4	4
Benzoic Aldehyde	4	4				
Benzol	4	4			3	4
Benzotrichloride	4	4				
Benzyl Alcohol	1		3	3		
Benzyl Chloride	4	4				
Berries	1	1				
Bismuth Carbonate	1	1			1	1
Black Liquor	1	1				
Blast Furnace Gas	4	4				
Bleach 12.5% Active CL	2	3			3	4
Borax	1	2			1	2
Bordeaux Mixture	1	1				
Boric Acid	1	1			4	4
Boric Oxide	1					
Boron Trifluoride	1	1			1	1
Brake Fluid (Petroleum Base)	2					
Brake Fluid (Synthetic Base)	2					
Brine	1	1	1	1	2	3

# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Bromic Acid	1	2			4	4
Bromine - Liquid	4	4			4	4
Bromine - Water	4	4			4	4
Bromobenzene	4	4				
Bromochloromethane	4	4				
Bromotoluene	4	4				
Bunker Oil	4	4	4	4		
Butadiene	3	4				
Butane	1	1			1	1
Butanol - Primary	4	4			3	4
Butanol - Secondary	4	4			3	4
Butter	2	3				
Butyl Acetate	1					
Butyl Alcohol	1	2			3	4
Butyl Cellosolve	4	4				
Butyl Mercaptan	4	4				
Butyl Phenol	3	4				
Butyl Stearate	1					
Butylene	1	2			1	1
Butyric Acid 20%	3	4			3	4
Butynedial	4	4			4	4
Cake Alum Solution	1					
Calcium Arsenate	1					
Calcium Bisulfate	1	1				
Calcium Bisulfide	2					
Calcium Bisulfite	1	1			1	1
Calcium Carbonate	1	1			1	1
Calcium Chlorate	1	1			2	3
Calcium Chloride	1	1	1	1	3	4
Calcium Hydrosulfide	2					
Calcium Hydroxide	1	1	1	1	2	3
Calcium Hypochlorite	1	1			4	4
Calcium Metasilicate	1					
Calcium Nitrate	1	1			1	1
Calcium Silicate	1					
Calcium Sulfate	1	1			1	1
Calcium Sulfide	2					
Cane Sugar Liquors						
Carbolic Acids	4	4				
Carbon Bisulfide	1	1				
Carbon Dioxide	1	1				
Carbon Disulfide	4	4	4	4		
Carbon Dioxide	1	1			1	1
Carbon Disulfide	4	4				
Carbon Monoxide	1	1			1	1
Carbon Tetrachloride	4	4	4	4	3	4
Carbolic Acid	4	4				
Carbonic Acid	1	1	2	2	4	4
Carrots	1	1				
Casein	1	2			1	1
Castor Oil	1	1			1	1
Catsup	1	2				
Caustic Potash	1	1			3	4
Caustic Soda	1	1			3	4
Cellosolve	3	4			2	3
Cellulose Acetate	1					
Cellulose Butyl	1					
Cheese	1	2				





# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE

1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Cherries	1	1				
China-Wood Oil	2					
Chlordane	2					
Chloracetic Acid	1	4			4	4
Chloral Hydrate	1	1			2	3
Chloric Acid 20%	1	1			4	4
Chlorinated Hydrocarbons	1	1			4	4
Chlorinated Solvents	4	4				
Chlorine Gas - Dry	1	1	4	4	4	4
Chlorine Gas - Moist	3	4	4	4	4	4
Chlorine Trifluoride	4	4				
Chloroacetyl Chloride	1					
Chlorobenzene	4	4				
Chlorobromomethane	4	4				
Chloromethane	4	4				
Chloroform	4	4				
Chloropentane	4	4				
Chloropicrin Mixture	4	4				
Chlorotoluene	4	4				
Chlorox	1					
Chlorosulfonic Acid	3	4			4	4
Chocolate	2	3				
Chocolate Syrup	1					
Chromic Chloride	1					
Chrome Alum	1	1			1	1
Chromic Acid 25%	2	3	4	4	4	4
Chromic Acid 50%	2	3			4	4
Chromium Trioxide	4	4				
Cider	2				2	3
Citgo FR Fuels	2					
Coal Gas	1					
Coal Tar	4	4			4	4
Coconut Oil	3	4			1	1
Cola Beverage	1	1				
Copper Chloride	1	2			1	1
Copper Cyanide	1	1				
Copper Fluoride 2%	1	1				
Copper Nitrate	1	2			1	1
Copper Sulphate	1	2			1	1
Core Oils	1	1				
Corn Oils	1	2				
Cottonseed Oil	2	3			1	1
Creosote	4	4				
Cresylic Acid 50%	4	4			4	4
Crude Oil Sour	1	1			1	1
Crude Oil Sweet	1	1			1	1
Crude Wax	1					
Cupric Chloride	1					
Cupric Cyanide	1					
Cupric Nitrate	1					
Cupric Sulfate	1					
Cyanide, Copper	1					
Cyanide, Silver	1					
Cyanide, Sodium	1					
Cyclohexane	4	4				
Cyclohexanol	4	4			3	4
Cyclohexanone	4	4			4	4
Cymene	4	4				

# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Decanol	4	4				
Deicing Fluid	1	1				
Demineralized Water	1	1			2	4
Denatured Alcohol	1					
Detergents, Synthetic	1	2				
Developers, Photographic	1	1				
Dextrin	1					
Dextron	2					
Dextrose	1	2			1	1
Diacetone	4	4			3	4
Diacetone Alcohol	4	4			3	4
Diammonium Phosphate	1					
Diazinon	2					
Diazo Salts	1	1				
Dibutyl Phthalate	1					
Dibutylamine	4	4				
Dichlorobenzene	4	4				
Dichlorobenzyl Chloride	4	4				
Dichloroethane	4	4				
Dichloroethylene	4	4				
Dichloromethane	4	4				
Diesel Oils	3	4				
Diethanolamine	2					
Diethyl Ether	2					
Diethyl Ketone	4	4				
Diethyl Oxalate	4	4				
Diethylene Dioxide	2					
Diethylene Ether	4	4				
Diethylene Glycol	1		1	1		
Diglycolic Acid	1	2				
Dihydroxyethyl Ether	1					
Dimethylamine	4	4			4	4
Dimethylbenzene	4	4				
Dimethylcarbonal	2					
Dimethylketone	4	4				
Diocetyl Phthalate	4	4				
Diocetyl Phosphite	4	4				
Dioxane	4	4				
Disodium Phosphate	1	1			1	1
Distilled Water	1	1			2	4
DMB (Dimethylbenzene)	4	4				
Duro Oils	2					
EDB (Ethylene Dibromide)	4	4				
Eggs	1	1				
Emulsions, Photographic	1	1				
Enamels	2					
Essential Oils	2					
Ethanolamine	2					
Ethers	4	4			2	3
Ethyl Acetate	4	4				
Ethyl Acrylate	4	4				
Ethyl Bromide	4	4				
Ethyl Chloride	4	4			4	4
Ethyl Ether	4	4			2	3
Ethyl Ether Acetate	1					
Ethyl Mercaptan	4	4				
Ethyl Methyl Ketone	4	4				
Ethylbutanol	1					



# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE

1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Ethylbutyl Alcohol	1					
Ethylene Bromide	1	4			4	4
Ethylene Chlorohydrin	4	4				
Ethylene Dibromide	4	4				
Ethylene Dichloride	4	4			4	4
Ethylene Glycol	1	1			2	3
Ethylene Oxide	4	4			4	4
Ethylhexanol	1					
Ethylhexyl Acrylate	4	4				
Ethylhexyl Alcohol	1					
Fatty Acid	2					
Fatty Alcohol, Blend	1					
Ferric Chloride	1	1			2	3
Ferric Nitrate	1	1			1	1
Ferric Sulphate	1	1			1	1
Ferrous Chloride	1	1			1	1
Ferrous Nitrate	2					
Ferrous Sulfate Solution	1					
Fertilizer	2					
Figs	1	1				
Fish Solubles	1	1				
Fixing Solutions, Photographic	1	2				
Flour	1	4				
Flourobic Acid	1	1				
Flourine	4	4			4	4
Fluosilic Acid	4	4				
Foric Acid	1	3			4	4
Formaldehyde Solution (to 50%)	1		3	3		
Formalin	1					
Formic Acid 3%	1	2	2	2		
Formic Acid 10%	1	2	2	2	4	4
Formic Acid 25%	1	2	3	3	4	4
Formic Acid 50%	3	4	3	3	4	4
Freon-12	1	2			1	1
Fructose	1	1			1	1
Fruit Pulp and Juices	1	1			1	1
Fuel Oil	2	3			1	1
Furnaric Acid	4	4				
Furan	4	4				
Furfural	4	4			4	4
Furfuryl Alcohol	1	3				
Fusel Oil	1					
Gallic Acid Solution	4	4				
Gasohol	4	4				
Gas - Cook Oven	2	2			2	2
Gas - Natural (Dry)	1	1			1	1
Gas - Natural (Wet)	1	1			1	1
Gasoline	4	4				
Gasoline - Refined	3	4	4	4		
Gasoline - Unleaded	4	4	4	4		
Gasoline - White	4	4	4	4		
Gelatin	1	1			1	1
Gin	1	2				
Ginger Ale	1	1				
Glacial Acetic Acid	4	4				
Glucose	1	1			1	1
Glue	1					
Glycerol	1	1				



# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Glycol	1	1			1	1
Glycolic Acid 30%	1	1			4	4
Grape Juice	1	1				
Grapefruit Juice	1	1				
Grease	1					
Green Liquor (Paper)	1	1				
Heptachlor	4	4				
Heptane	3	4			1	
Heptanol	1					
Hexane	3	4			3	4
Honey	1	1				
HPO (Sodium Thiosulfate)	1					
Hydraulic Fluid	1					
Hydraulic Fluid HF-18, HF-20	2					
Hydrazine	4	4				
Hydro-Drive Oil (Houghton)	2					
Hydrobromic Acid	4	4	3	3		
Hydrochloric Acid 10%	1	1	2	2	4	4
Hydrochloric Acid 48%	3	4	3	3	4	4
Hydrocyanic Acid	4	4				
Hydrofluoric Acid 4%	2	3	2	2	4	4
Hydrofluoric Acid 10%	3	3	2	2	4	4
Hydrofluoric Acid 48%	3	4	3	3	4	4
Hydrofluoric Acid 60%	3	4			4	4
Hydrofluosilicic Acid	4	4			4	4
Hydrogen	1	2			1	1
Hydrogen Bromide (Dry) (Liquid)					1	1
Hydrogen Cyanide	1	1			4	4
Hydrogen Peroxide	4	4				
Hydrogen Peroxide 12%	1	2	2	2		
Hydrogen Peroxide 50%	1	3	3	3	2	3
Hydrogen Peroxide 90%	4	4			4	4
Hydrogen Phosphide	1	3				
Hydrogen Sulfide - Aqueous Solution	1	1				
Hydrogen Sulfide - Dry	1	1				
Hydrolube (Water Glycol)	1	1				
Hydrolubric Oil	2					
Hydroquinone Solution	2					
Hydroxylamine Sulfate	1	1				
Hydrochlorous Acid	1	1			3	4
Iodine	4	4				
Iron Acetate Liquor	1					
Iron Salts	1					
Iron Sulfate Solution	1					
Isobutanol	2					
Isobutyl Alcohol	2					
Isooctane	4	4	4	4		
Isopropanol	2					
Isopropyl Acetate	4	4				
Isopropyl Alcohol	1	2	3	3		
Isopropyl Ether	4	4				
JP 3, 4, 5	4	4	2	3		
Jelly	1	1				
Jet Fuel - All Types	4	4				
Karo Syrup	1	1				
Kerosene	4	4	4	4	1	2
Ketones	4	4				
Kraft Liquor (Paper)	1	1				



# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE

1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Lacquer Thinner	3	4			2	
Lactic Acid 28%	1	1			4	4
Lard	2	3				
Lard Oil	1	2			1	2
Latex Paint	1					
Lauric Acid	1	1			3	4
Laurel Chlorite	1	1			1	2
Lauryl Sulfate	1	1				
Lead Acetate	1	1			1	1
Lead Nitrate Solution	1					
Lead, Tetraethyl	1					
Lemon Juice	1	2				
Ligroin	4	4				
Lime, Chlorinated	2					
Lime, Sulfur	1	1				
Linoleic Acid	1					
Linseed Oil	1	1			1	1
Liquid Soap	2					
Liquors	1	2				
Lubricating Oils	4	4			1	1
Machine Oil - Under 135°F	2					
Magnesium Carbonate	1	1			1	1
Magnesium Hydroxide	1	1	2	2	2	3
Magnesium Nitrate	1	1			1	1
Magnesium Sulfate Solution	1					
Malathion	1					
Maleic Acid Solution	4	4				
Manganese Salts	1					
Manganese Sulfate Solution	1					
Mayonnaise	1	1				
MBK (Methyl Butyl Ketone)	4	4				
MEA (Ethanolamine)	2					
MEK (Ethyl Methyl Ketone)	4	4	3	3	4	4
Mercuric Chloride	2	2			2	3
Mercuric Chloride Solution	2					
Mercuric Cyanide	2	2				
Mercuric Nitrate	2	2			2	2
Mercury	2	2	2	2		
Mesitylene	4	4				
Mesityl Oxide	4	4				
Mesitylene	4	4				
Methanol	4	4			4	4
Methyl Acetate	4	4				
Methyl Acetone	1					
Methyl Alcohol	3	4			4	4
Methyl Bromide	4	4				
Methyl Butanethiol	4	4				
Methyl Butanol	1					
Methyl Chloride	4	4			4	4
Methyl Chloroform	4	4				
Methyl Cyanide	1					
Methyl Ethyl Ketone	4	4				
Methyl Isobutenyl Ketone	4	4				
Methyl Isobutyl Ketone	4	4				
Methyl Isopropyl Ketone	4	4				
Methyl Methacrylate	1					
Methyl Methacrylate Monomer	4	4				
Methyl Propyl Ketone	4	4				

# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Methyl Silacylate	1					
Methyl Sulfate	1					
Methylamine	4	4				
Methylaniline	4	4				
Methylene Bromide	4	4				
Methylene Chloride	4	4				
Methylene Dichloride	4	4				
Milk	1	1			1	1
Mineral Oils	1	2			1	1
Molasses	1	1			1	1
Monochlorobenzene	4	4				
Monomethylamine	4	4				
Monosodium Phosphate	1					
Motor Oil	3					
Muriatic Acid	4	4				
n-Octane	4	4				
Napthenic Acid	1					
Nickel Chloride Solution	1	1			1	1
Nickel Nitrate Solution	2				1	1
Nickel Plating Solution	4	4				
Nickel Salts	2					
Nickel Sulfate Solution	1					
Nicotine	1	1			1	1
Nicotine Acids	1	2			3	4
Nicotine Salts	1					
Niter Cake	1					
Nitric Acid 10%	1	2	2	2	4	4
Nitric Acid 40%	2	3	2	2	4	4
Nitric Acid 60%	3	4	3	3	4	4
Nitric Acid 68%	3	4	4	4	4	4
Nitric Acid 70%	4	4	4	4	4	4
Nitrobenzene	4	4	3	3	4	4
Nitrogen	1					
Nitrogen Oxide	4	4				
Nitromethane	4	4				
Nitrous Acid (Up to 10%)	1					
Nitrous Oxide	1	1			1	1
Octadecanoic Acid	1					
Octanol	2					
Octyl Alcohol	2					
Oil of Turpentine	1					
Oils, Animal	2					
Oils, Mineral	4	4				
Oils, Petroleum	1	2			1	1
Oleic Acid	2	3			4	4
Oleum	4	4			4	4
Olive Oil	2	2				
Ortho-Dichlorobenzene	4	4				
Ortho-Xylene	4	4				
Oxalic Acid	4	4	3	3		
Oxygen	1	1	2	2	1	1
Ozone	3	4	2	2		
Paint	1					
Palmitic Acid 10%	1	2			4	4
Palmitic Acid 70%	3	4			4	4
Paraformaldehyde	1					
Peaches	1	1				
Peanut Butter	1	2				





# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE

1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Peanut Oil	2					
Peas	1	1				
Pentachlorophenol in Oil	4	4				
Pentane	3	4				
Pentanone	4	4				
Pentasol	2					
Perchloric Acid	4	4	2	2		
Perchloroethylene	4	4				
Petrol	4	4				
Petroleum Ether	3	3				
Petroleum Naptha	4	4				
Petroleum Oils (Refined)	1					
Petroleum Oils (Sour)	2					
Phenol	4	4				
Phenol Acid	4	4				
Phenyl Chloride	4	4				
Phenolhydrazine	4	4				
Phenolhydrazine Hydrochloride	3	4				
Phosgene (Gas)	1	2				
Phosgene (Liquid)	4	4				
Photographic Fixing Solutions	1					
Phosphorous (Yellow)	2	3				
Phosphorous Pentoxide	4	4				
Phosphorous Trichloride	1	1			1	1
Photographic Chemicals	1	1			1	2
Picric Acid	4	4			4	4
Pinene	4	4				
Pitch	2	3				
Plating Solutions	1	2			1	1
Polyethylene Glycol	2					
Potash	1					
Potassium Acetate	1					
Potassium Acid Sulfate	1	1			1	1
Potassium Antimonate	1	1			1	1
Potassium Bicarbonate	1	1			1	1
Potassium Bichromate	1	1			1	1
Potassium Bisulfite	1	1			1	1
Potassium Borate 1%	1	1			1	1
Potassium Bisulfate	1					
Potassium Bromate 10%	1	1			1	1
Potassium Bromide	1	1			1	1
Potassium Carbonate	1					
Potassium Chlorate	1					
Potassium Chloride	1	1			1	2
Potassium Chromate	1				2	2
Potassium Cuprocyanide	1					
Potassium Cyanide	1	1			1	1
Potassium Dichromate	1	1	2	2	2	2
Potassium Ferrocyanide	1	1			1	1
Potassium Hydrate	2					
Potassium Hydroxide	1	1	2	2		
Potassium Hypochlorite	2	3			4	4
Potassium Iodine	1					
Potassium Nitrate	1	1			1	1
Potassium Perborate	1	1			1	1
Potassium Perchlorite	1	1			2	3
Potassium Permanganate	4	4	3	3		
Potassium Persulfate	1					

# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Potassium Sulfate	1					
Potassium Sulfide	1	1			1	1
Potassium Sulfite	2					
Potassium Thiosulfate	1					
Potatoes	1	1				
Propane	1	1			1	1
Propargyl Alcohol	1	1			1	1
Propyl Alcohol	1	2	2	2	2	3
Propylene Dichloride	4	4			4	4
Propylene Glycol	1				4	4
Prune Juice	1	1				
Puopale RX Oils	2					
Pyrene	4	4				
Pyrethrum	2					
Pyridine	4	4				
Pyrogard C, D	2					
Red Oil	2					
Regal Oils R&O	2					
Rubilene Oils	2					
Salicylic Acid	1					
Salt Water	1	1	2	2	2	4
Sauerkraut	2					
Selenic Acid	1	2			4	4
Sewage	2					
Shortening	2	3				
Silicic Acid	1	1			4	4
Silicone Greases	2		2	2		
Silicone Oils	2		2	2		
Silver Cyanide	1	1			1	1
Silver Plating Solution	1	2			1	1
Skydrol 500A & 7000	4	4				
Soap	1	1	2	2	2	4
Soda Ash	1					
Soda Water	1	1				
Sodium Acetate	1	1			1	1
Sodium Aluminate	2					
Sodium Arsenite	1	1			1	1
Sodium Benzoate	1	2			1	1
Sodium Bicarbonate	1	1			1	1
Sodium Bichromate Solution	2					
Sodium Bisulfite	1					
Sodium Borate	1					
Sodium Bromide	1	1			1	2
Sodium Carbonate (Soda Ash)	1	1			1	1
Sodium Chlorate	2	3			2	2
Sodium Chloride	1	1			1	2
Sodium Chlorite Solution	2					
Sodium Chromate	2					
Sodium Cyanide	1	1			1	1
Sodium Dichromate	1	2			1	2
Sodium Ferricyanide	1	1			1	1
Sodium Fluoride (70%)	1	2			1	2
Sodium Hydrate	2					
Sodium Hydrochlorite	2					
Sodium Hydrosulfide	1					
Sodium Hydrosulfite	2					
Sodium Hydroxide 10%	1	1	3	3	3	4
Sodium Hydroxide 35%	1	2			4	4



# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE

1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
Sodium Hydroxide 50%	1	3				
Sodium Hypochlorite (20%)	1	1	3	3	4	4
Sodium Hyposulfate	1					
Sodium Metaphosphate	1					
Sodium Nitrate	1	1			1	1
Sodium Nitrite	1	1			1	1
Sodium Peroxide	1		2	2		
Sodium Phosphate	1		2	2		
Sodium Phosphate Acid	2	2				
Sodium Silicate	1					
Sodium Sulfate	1					
Sodium Sulphydrate	2					
Sodium Sulfide	1	1			1	1
Sodium Sulfite	1	1			1	1
Sodium Sulphrydate	2					
Sodium Thiosulfat	1	1			1	2
Soinus Oils	1					
Sour Crude Oil	4	4				
Soya Beans	1	4				
Soybean Oil	1	1	4	4		
Spent Acid	4	4				
Spinach	1	1				
Squash	1	1				
Stannic Chloride	2					
Stannis Chloride	1	1			1	2
Starch	1					
Starch Gum	1					
Stearic Acid	1					
Stoddard Solvent	2					
Straight Synthetic Oils	2					
Styrene	4	4				
Sugar - All Forms	1	1				
Sulfamic Acid	4	4				
Sulfate Liquors Under 150°F	1					
Sulfur	2	2				
Sulfur Chloride	2					
Sulfur Dioxide (Dry)	1		2	2		
Sulfur Dioxide (Liquid)	4	4	2	2		
Sulfur Hexafluoride (Gas)	2					
Sulfur Trioxide	1					
Sulfuric Acid 10%	1	2	3	3	3	4
Sulfuric Acid 70%	1	2	4	4	4	4
Sulfuric Acid 95%	3	3	4	4	4	4
Sulfurous Acid	2	3	3	3	4	4
Sulfur Dioxide Gas - Dry	1	1				
Sulfur Dioxide Gas - Wet	4	4				
Sulfur Dioxide - Liquid	3	4				
Sun R&O Oils	2					
Suntac HP Oils	2					
Suntac WR Oils	2					
Sunvis Oils 700, 800, 900	2					
Synthetic Oil (Citgo)	2					
Tall Oil	4	4				
Tallow	2					
Tannic Acid	1	1	3	3	3	4
Tanning Liquors	1	1			2	3
Tar Oil	2					
Tartaric Acid	1	2			3	4



# CHEMICAL RESISTANCE TABLES

## PVC, EPDM & POLYURETHANE



1-EXCELLENT

2-GOOD

3-LIMITED

4-UNSATISFACTORY

### HOSE CONSTRUCTION WITH TEMPERATURE

MATERIAL	PVC (F°)		EPDM (F°)		POLYURETHANE (F°)	
	68	104	68	104	68	104
TEA (Triethanolamine)	2	3				
Tellus Oils	2					
Tenol Oils	2					
Terpineol	2					
Tetrachloroethane	4	4	4	4		
Tetraethyl Lead	2	3				
Tetrahydrofuran	4	4	4	4		
Tetrahydroxydicyclopentadiene	4	4				
THF (Tetrahydrofuran)	4	4				
Thionyl Chloride	4	4			4	4
Titanium Tetrachloride	1	4			3	4
Toluol	4	4				
Tomatoes	1	1				
Tributyl Phosphate	4	4				
Trichloroethylene	4	4			3	4
Trichloroethane	4	4				
Tricesyl Phosphate	4	4			4	4
Triethanolamine	3	4				
Triethylamine	2	3				
Trihydroxybenzoic Acid	4	4				
Trimethylbenzene	4	4				
Trimethyl Propane	3	4				
Trinitrophenol	1					
Trisodium Phosphate	1	1			1	1
Tung Oil	2					
Turpentine	3	4			1	2
Ucon Hydrolube 150CP, 200CP	2					
Ucon Hydrolube 275CP, 300CP, 550CP	2					
Ucon M1	2					
Union Hydraulic Tractor Fluid	2					
Urea	1	2			1	1
Urine	1	1			1	1
Varnish	4	4			1	2
Vegetable Oils	2	3	3	3		
Versilube F-50, F-44	2					
Vinegar	1	2	2	2	2	3
Vinyl Acetate	4	4			4	4
Vinyl Chloride	4	4				
Vinyl Trichloride	4	4				
Vitrea Oils	2					
Vodka	1	2				
Water Acid - Mine Water	1	1			2	4
Water in Oil Emulsions	1					
Water (Distilled)	1	1			2	4
Water (Fresh)	1	1			2	4
Water (Salt)	1	1			2	4
Whiskey	1	2	2	2		
White Gasoline	1	1			1	2
White Liquor (Paper)	1	1				
Wines	1	2				
Wood Oil	1					
Xylene	4	4	3	3	2	3
Xylol	4	4			2	3
Yeast	1	2				
Yogurt	1	2				
Zeric	2					
Zinc (Chromate, Cyanide, Hydrate, Nitrate)	1	1			1	1

# TERMS, CONDITIONS AND LIMITED WARRANTY OF SALE

All prices, terms and conditions of sale are subject to change without prior notice. Buyer agrees to all terms and conditions of seller upon the placement of any and all purchase orders.

## GENERAL

- All orders require a minimum charge of \$100.00.
- All claims must be made within seven (7) days of receipt of merchandise.
- The company reserves the right at all times to reject any and all orders for any reason.

## PAYMENT TERMS

- Net 30 days (to approved and qualified accounts).
- We reserve the right to hold shipments against past due accounts.
- Seller may require full or partial payment in advance if, in its sole judgement, the financial condition of the buyer does not justify the terms specified.
- All past due accounts are subject to a late payment charge of 1.5% per month, or maximum allowed by law if different, along with the expenses incidental to collection including reasonable attorney's fees.
- Returned checks are subject to a minimum \$50.00 charge.

## ACCEPTANCE, ALTERATION AND CANCELLATION OF ORDERS

Orders for other than standard items or standard lengths may not be cancelled after purchase has been committed, production scheduled or any costs incurred.

## RETURN OF DEFECTIVE MERCHANDISE

Defective or failed material to be held at the buyer's premises until authorization has been granted by seller to return or dispose of merchandise. Merchandise to be returned for final inspection must be returned Freight Prepaid in the most economical way. Credit will be issued for material found to be defective upon our inspection based on prices at time of purchase.

## MERCHANDISE SHIPPED IN ERROR

Buyer must notify seller immediately on any merchandise shipped in error. Upon notification, merchandise is to be returned to seller either via truck on a Freight Collect basis, via carrier of our choice, or via UPS on a Freight Prepaid basis. Buyer will be reimbursed for cost of merchandise, plus any additional freight which may have been incurred due to shipping error.

## MERCHANDISE ORDERED IN ERROR

Standard packaged merchandise only may be returned, provided that the merchandise is in the original buyer's possession not more than 30 days. If merchandise is accepted for return, merchandise must be returned Freight Prepaid, and buyer will be charged a minimum of 15% rehandling charge, plus a chargeback for outbound freight charges if the original order was shipped prepaid. Returns are not accepted for any merchandise that is specifically manufactured to meet the buyer's requirement of either specifications or large quantity.

## DELIVERY, DAMAGES, SHORTAGES

Delivery to the initial common carrier shall constitute the delivery to the buyer. Our responsibility, insofar as transportation risks are concerned, ceases upon the delivery of the merchandise in good condition to such a carrier, and all the merchandise shall be shipped at the buyer's risk.

## GOODS DAMAGED IN SHIPMENT

Upon receipt of shipment, any evidence of damage to original shipping package must be reported by the receiving party and a claim made with the delivering carrier upon receipt of shipment.

## CONCEALED DAMAGE

Any evidence of damage to material shipped, upon the opening of the original shipping package, must be reported by the receiving party to and a claim made with the delivering carrier without delay.

## LIMITED WARRANTY

The merchandise or products sold or distributed by Jason Industrial Inc. are warranted to our customers to be free from defects in material and workmanship at the time of shipment by us. All warranty claims shall be made within 90 days after we have shipped the merchandise. Our liability hereunder is limited to the purchase price of any merchandise proved defective, or, at our option, to the replacement of such merchandise upon its authorized return to us.

**THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE CREATED UNDER APPLICABLE LAW INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANT ABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS.**





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**MEGADYNE HEADQUARTERS**

Via Trieste 16, 10075  
Mathi (TO) - ITALY  
mail@megadyne.it  
www.megadyne.it

**JASON HEADQUARTERS**

340 Kaplan Drive  
Fairfield, NJ 07004  
Ph: 973-227-4904  
Fax: 973-227-1651  
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