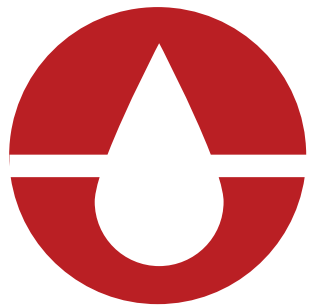


**FLUID** **TECH**  
**SYSTEMS**

Industrial Hose Products



**FLUIDTECH**  
**SYSTEMS**

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## AR10 GENERAL PURPOSE AIR/WATER 200



**Application:**

Air, water, agricultural spray solutions, and other diluted chemicals.  
Good resistance to heat, abrasion, and weathering.

**Construction:**

**Tube** - Black, limited oil resistant synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Smooth red, abrasion, weather and ozone resistant rubber

**Branding** - FLEXTAL AR10-100 1" (25.4mm) GENERAL PURPOSE AIR/WATER 200 PSI MAX WP

**Temperature Range:**

-35°C to +80°C ( -30°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	EcoCoils	Reel Lengths
AR10-025	1/4	0.50	200	0.11	300'	300',600'
AR10-031	5/16	0.58	200	0.14	300'	300',600'
AR10-038	3/8	0.67	200	0.18	300'	300',600'
AR10-050	1/2	0.81	200	0.24	300'	300',600'
AR10-063	5/8	0.97	200	0.32	300'	300'
AR10-075	3/4	1.12	200	0.42	300'	300',500'
AR10-100	1	1.45	200	0.65	300'	300',400'
AR10-125	1 1/4	1.73	200	0.84	200'	200',400'
AR10-150	1 1/2	2.09	200	1.24	200'	200',400'
AR10-200	2	2.60	200	1.62	200'	200',400'

\*EcoCoil: Hose packaged in coils, not wound on a wooden or plastic reel.

## AR10 GENERAL PURPOSE 200 ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft.)	Attaching Method
AR10-025MM25	1/4	1/4 NPT	1/4 NPT	25	Crimp
AR10-025MM50	1/4	1/4 NPT	1/4 NPT	50	Crimp
AR10-038M2525M25	3/8	1/4 NPT	1/4 NPT	25	Crimp
AR10-038M2525M50	3/8	1/4 NPT	1/4 NPT	50	Crimp
AR10-038M2525M100	3/8	1/4 NPT	1/4 NPT	100	Crimp
AR10-038MM50	3/8	3/8 NPT	3/8 NPT	50	Crimp
AR10-038MM100	3/8	3/8 NPT	3/8 NPT	100	Crimp
AR10-050MM50	1/2	1/2 NPT	1/2 NPT	50	Crimp
AR10-075UUX50	3/4	Universal	Universal	50	Crimp
AR10-075UUX100	3/4	Universal	Universal	100	Crimp
AR10-100UUX50	1	Universal	Universal	50	Crimp
AR10-100UUX100	1	Universal	Universal	100	Crimp

\*Call for other lengths and fitting combinations.

## AR11 BLACK 200 GENERAL PURPOSE AIR/WATER



**Application:**

For a wide range of heavy duty industrial, construction, and agricultural water discharge applications in which a heavy duty rubber water hose is needed.

**Construction:**

**Tube** - Black, limited oil resistant synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Smooth black, abrasion and weather resistant rubber

**Branding** - FLEXTRAL AR11-100 1" (25.4mm) GENERAL PURPOSE AIR/WATER 200 PSI MAX WP

**Temperature Range:**

-35°C to +80°C (-30°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	EcoCoils	Reel Lengths
AR11-025	1/4	0.50	200	0.11	300'	300'/600'
AR11-031	5/16	0.58	200	0.14	300'	300'/600'
AR11-038	3/8	0.67	200	0.18	300'	300'/600'
AR11-050	1/2	0.81	200	0.23	300'	300'/600'
AR11-063	5/8	0.97	200	0.31	300'	300'
AR11-075	3/4	1.12	200	0.41	300'	300'/500'
AR11-100	1	1.44	200	0.63	300'	300'/400'
AR11-125	1 1/4	1.73	200	0.82	200'	200'/400'
AR11-150	1 1/2	2.08	200	1.20	200'	200'/400'

\*EcoCoil: Hose packaged in coils, not wound on a wooden or plastic reel.

## AR11 BLACK 200 GENERAL PURPOSE AIR/WATER ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
AR11-050GHT25	1/2	M-GHT	F-GHT	25	Crimp
AR11-050GHT50	1/2	M-GHT	F-GHT	50	Crimp
AR11-050GHT75	1/2	M-GHT	F-GHT	75	Crimp
AR11-050GHT100	1/2	M-GHT	F-GHT	100	Crimp
AR11-063GHT25	5/8	M-GHT	F-GHT	25	Crimp
AR11-063GHT50	5/8	M-GHT	F-GHT	50	Crimp
AR11-063GHT75	5/8	M-GHT	F-GHT	75	Crimp
AR11-063GHT100	5/8	M-GHT	F-GHT	100	Crimp
AR11-075GHT25	3/4	M-GHT	F-GHT	25	Crimp
AR11-075GHT50	3/4	M-GHT	F-GHT	50	Crimp
AR11-075GHT75	3/4	M-GHT	F-GHT	75	Crimp
AR11-075GHT100	3/4	M-GHT	F-GHT	100	Crimp

\*Call for other lengths and fitting combinations.



## AR15 "HAMMERHEAD" JACKHAMMER



**Application:**

Proven to be an excellent performer in the industrial, rental and construction industries. Tube is designed to accommodate in line oil misting.

**Construction:**

**Tube** - Black, limited oil resistant synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Smooth cut and abrasion resistant

**Branding** - FLEXTRAL AR15-075 3/4" (19.1mm) HAMMERHEAD AIR/WATER 300 PSI MAX WP

**Temperature Range:**

-35°C to +80°C (-30°F to +180°F)

Part No.	Color	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Standard Lengths
AR15-075RD	Red	3/4	1.14	300	0.35	300'/50'
AR15-075YW	Yellow	3/4	1.14	300	0.35	300'/50'
AR15-075BL	Blue	3/4	1.14	300	0.35	300'/50'

## AR15 "HAMMERHEAD" JACKHAMMER ASSEMBLIES



Part No.	Color	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
AR15-075UUX50RD	Red	3/4	Universal	Universal	50'	Crimp
AR15-075UUX50YW	Yellow	3/4	Universal	Universal	50'	Crimp
AR15-075UUX50BL	Blue	3/4	Universal	Universal	50'	Crimp

\*Call for other lengths and fitting combinations.

## AR20 GENERAL PURPOSE AIR/WATER 300



**Application:**

Air, water, agricultural spray solutions, and other diluted chemicals. High resistance to heat, abrasion, and weathering.

**Construction:**

**Tube** - Black, limited oil resistant synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Smooth red, abrasion, weather and ozone resistant rubber

**Branding** - FLEXTRAL AR20-100 1" (25.4mm) GENERAL PURPOSE AIR/WATER 300 PSI MAX WP

**Temperature Range:**

-35°C to +80°C ( -30°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	EcoCoils	Reel Lengths
AR20-025	¼	0.53	300	0.13	300'	300',600'
AR20-038	⅜	0.70	300	0.21	300'	300',600'
AR20-050	½	0.84	300	0.27	300'	300',600'
AR20-063	⅝	0.98	300	0.34	300'	300'
AR20-075	¾	1.15	300	0.46	300'	300',500'
AR20-100	1	1.47	300	0.68	300'	300',400'
AR20-125	1¼	1.73	300	0.84	300'	200',400'
AR20-150	1½	2.09	300	1.24	300'	200',400'
AR20-200	2	2.64	300	1.74	300'	200',400'

\*EcoCoil: Hose packaged in coils, not wound on a wooden or plastic reel.

## AR20 GENERAL PURPOSE 300 ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft.)	Attaching Method
AR20-025MM25	¼	¼ NPT	¼ NPT	25	Crimp
AR20-025MM50	¼	¼ NPT	¼ NPT	50	Crimp
AR20-038M2525M25	⅜	¼ NPT	¼ NPT	25	Crimp
AR20-038M2525M50	⅜	¼ NPT	¼ NPT	50	Crimp
AR20-038M2525M100	⅜	¼ NPT	¼ NPT	100	Crimp
AR20-038MM25	⅜	⅜ NPT	⅜ NPT	25	Crimp
AR20-038MM50	⅜	⅜ NPT	⅜ NPT	50	Crimp
AR20-038MM100	⅜	⅜ NPT	⅜ NPT	100	Crimp

\*Call for other lengths and fitting combinations.

## AR30 MULTI-PURPOSE



**Application:**

A premium quality, multi-purpose hose for industrial air service, compressor lines, pneumatic tools, low-pressure spray and many other applications where oil resistance is needed. Non conductive, minimum electrical resistance greater than (1) megohm per inch of hose length at 1000 V DC.

**Construction:**

**Tube** - Black nitrile, RMA class A (high oil resistance)

**Reinforcement** - Synthetic yarn

**Cover** - Red NBR blend, RMA class B

**Branding** - FLEXTAL AR30 100 1" (25.4mm) ORCT NON-CONDUCTIVE OIL RESISTANT 300 PSI MAX WP

**Temperature Range:**

-29°C to +88°C (-20°F to +190°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	EcoCoils	Reel Lengths
AR30-025	1/4	0.54	300	0.12	300'	300'/600'
AR30-031	5/16	0.64	300	0.16	300'	300'/600'
AR30-038	3/8	0.69	300	0.17	300'	300'/600'
AR30-050	1/2	0.86	300	0.25	300'	300'/600'
AR30-063	5/8	1.02	300	0.33	300'	300'
AR30-075	3/4	1.19	300	0.44	300'	300'/500'
AR30-100	1	1.50	300	0.64	300'	300'/400'
AR30-125	1 1/4	1.80	300	0.85	200'	200'/400'
AR30-150	1 1/2	2.09	300	1.09	200'	200'/400'
AR30-200	2	2.64	300	1.51	200'	200'/400'

\*EcoCoil: Hose packaged in coils, not wound on a wooden or plastic reel.

## AR30 MULTI-PURPOSE ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft.)	Attaching Method
AR30-025MM25	1/4	1/4 NPT	1/4 NPT	25	Crimp
AR30-025MM50	1/4	1/4 NPT	1/4 NPT	50	Crimp
AR30-038M2525M25	3/8	1/4 NPT	1/4 NPT	25	Crimp
AR30-038M2525M50	3/8	1/4 NPT	1/4 NPT	50	Crimp
AR30-038M2525M100	3/8	1/4 NPT	1/4 NPT	100	Crimp
AR30-038MM25	3/8	3/8 NPT	3/8 NPT	25	Crimp
AR30-038MM50	3/8	3/8 NPT	3/8 NPT	50	Crimp
AR30-038MM100	3/8	3/8 NPT	3/8 NPT	100	Crimp

\*Call for other lengths and fitting combinations.

## AR32 "ARCTIC AIR" COLD TEMP



**Application:**

The AR32 "Arctic Air" Cold Temp hoses are manufactured to be extremely tough and flexible at very low temperatures. The superior physical properties and design of the hose makes it outperform other general purpose PVC and rubber hoses in cold weather air tool applications.

**Construction:**

- Tube** - High grade, low temperature PVC compound
- Reinforcement** - High tensile strength polyester yarn
- Cover** - High grade, low temperature PVC compound

**Temperature Range:**

-40°C to +65°C (-40°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	Reel Lengths
AR32-025BL	1/4	0.50	300	0.08	100'/500'
AR32-038BL	3/8	0.63	300	0.10	100'/500'
AR32-050BL	1/2	0.78	300	0.15	100'/500'
AR32-075BL	3/4	1.08	300	0.25	100'/300'
AR32-100BL	1	1.36	300	0.35	100'/300'

\*BL indicates the color Blue. For Yellow change the suffix to YW.

## AR32 "ARCTIC AIR" COLD TEMP ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft.)	Attaching Method
AR32-025MM25	1/4	1/4 NPT	1/4 NPT	25	Crimp
AR32-025MM50	1/4	1/4 NPT	1/4 NPT	50	Crimp
AR32-038M2525M25	3/8	1/4 NPT	1/4 NPT	25	Crimp
AR32-038M2525M50	3/8	1/4 NPT	1/4 NPT	50	Crimp
AR32-038M2525M100	3/8	1/4 NPT	1/4 NPT	100	Crimp
AR32-038MM25	3/8	3/8 NPT	3/8 NPT	25	Crimp
AR32-038MM50	3/8	3/8 NPT	3/8 NPT	50	Crimp
AR32-038MM100	3/8	3/8 NPT	3/8 NPT	100	Crimp

\*Call for other lengths and fitting combinations.

## AR40 300 PSI PVC AIR HOSE



**Application:**

Outdoor air and water general purpose hose for use in cold weather where flexibility is required. Ideal for in plant applications where flexibility and handling in tight spaces is required.

**Construction:**

- Tube** - High grade, low temperature PVC compound
- Reinforcement** - High tensile strength polyester yarn
- Cover** - High grade, low temperature PVC compound

**Temperature Range:**

-3°C to +65°C (+25°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	Reel Lengths
AR40-025RD	1/4	0.50	300	0.08	500'
AR40-038RD	3/8	0.63	300	0.11	500'
AR40-050RD	1/2	0.75	300	0.14	500'
AR40-075RD	5/8	0.90	250	0.19	300'
AR40-075RD	3/4	1.06	250	0.24	300'
AR40-100RD	1	1.33	150	0.33	300'

\*RD indicates the color Red, for other colors change the suffix to the following: BL - Blue, and YW - Yellow  
Some colors are non-stock and may require minimum runs.

## AR40 300 PSI PVC ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft.)	Attaching Method
AR40-025MM25	1/4	1/4 NPT	1/4 NPT	25	Crimp
AR40-025MM50	1/4	1/4 NPT	1/4 NPT	50	Crimp
AR40-038M2525M25	3/8	1/4 NPT	1/4 NPT	25	Crimp
AR40-038M2525M50	3/8	1/4 NPT	1/4 NPT	50	Crimp
AR40-038M2525M100	3/8	1/4 NPT	1/4 NPT	100	Crimp
AR40-038MM25	3/8	3/8 NPT	3/8 NPT	25	Crimp
AR40-038MM50	3/8	3/8 NPT	3/8 NPT	50	Crimp
AR40-038MM100	3/8	3/8 NPT	3/8 NPT	100	Crimp

\*Call for other lengths and fitting combinations.

### J3 RUBBER COVER PUSH-ON 300 PSI



**Application:**

Petroleum based hydraulic fluids, gasoline, water, diesel fuels, and lubricating oils. Non conductive, minimum electrical resistance greater than (1) megohm per inch of hose length at 1000 V DC.

**Construction:**

**Tube:** High oil resistant synthetic rubber - RMA class A (high oil resistance)

**Reinforcement:** Synthetic fiber

**Cover:** Synthetic rubber, oil, abrasion, and UV resistant; MSHA approved

**Branding:** FLEXTRAL GRIP-LOC J3-12 3/4" 300 PSI MAX WP  
MSHA 2G-IC MADE IN USA

**Temperature:** -40°C to +88°C (-40°F to + 190°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Reel Lengths
J3-04BK*	1/4	0.54	300	0.09	500'
J3-05BK*	5/16	0.62	300	0.12	500'
J3-06BK*	3/8	0.69	300	0.14	500'
J3-08BK*	1/2	0.81	300	0.17	500'
J3-10BK*	5/8	0.93	300	0.20	500'
J3-12BK*	3/4	1.07	300	0.26	500'

\*BK indicates the color black, for other colors change the suffix to the following: BL - Blue, GY - Grey, GN - Green, RD - Red

\*BN - Brown, YW - Yellow or WH - White. Some colors are non-stock and may require minimum runs.

### J4 RUBBER COVER PREMIUM PUSH-ON HOSE 350 PSI



**Application:**

Petroleum based hydraulic fluid, diesel fuel, lubrication oil, gasoline, air, water, and antifreeze coolants.

**Construction:**

**Tube:** High oil resistant synthetic rubber - RMA class A (high oil resistance)

**Reinforcement:** Synthetic fiber

**Cover:** Synthetic rubber, oil, abrasion, and UV resistant; MSHA approved

**Branding:** FLEXTRAL GRIP-LOC J4-12 3/4" 350 PSI MAX WP

**Temperature:** Oil/Air: -40°C to +125°C (-40°F to +257°F)  
Water: +100°C (+212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Reel Lengths
J4-04BK*	1/4	0.48	350	0.09	350'
J4-05BK*	5/16	0.55	350	0.12	350'
J4-06BK*	3/8	0.63	350	0.14	350'
J4-08BK*	1/2	0.75	300	0.17	350'
J4-10BK*	5/8	0.91	300	0.20	350'
J4-12BK*	3/4	1.03	300	0.26	350'

\*BK indicates the color black, for other colors change the suffix to the following: BL - Blue, GY - Grey, GN - Green, RD - Red

\*BN - Brown, YW - Yellow or WH - White. Some colors are non-stock and may require minimum runs.

## AR49 POLYURETHANE AIR HOSE



**Application:**

For use with pneumatic air tools such as roofing nailers, sanders and impact wrenches. Light weight, with excellent abrasion resistance and specially designed for optimum kink resistance.

**Construction:**

**Tube** - Polyurethane

**Reinforcement** - High tensile strength yarn

**Cover** - Lime green polyurethane

**Branding**- FLEXTRAL AR49-025 1/4" POLYURETHANE AIR HOSE  
250 PSI MAX WP

**Temperature Range:**

-40°C to +74°C (-40°F to +165°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
AR49-025	1/4	0.39	250	0.04	300'
AR49-038	3/8	0.55	250	0.07	300'

## AR49 POLYURETHANE AIR HOSE ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft.)	Attaching Method
AR49-025MM50	1/4	1/4 NPT	1/4 NPT	50	Crimp
AR49-025MM100	1/4	1/4 NPT	1/4 NPT	100	Crimp
AR49-038M2525M50	3/8	1/4 NPT	1/4 NPT	50	Crimp
AR49-038M2525M100	3/8	1/4 NPT	1/4 NPT	100	Crimp

\*Call for other lengths and fitting combinations.



## AR55 RECOIL HOSE ASSEMBLIES



**Application:**

Self storing, coiled tube assemblies. Air lines for assembly applications. Suitable for low temperature. Automotive repair, body shops, car wash, carwash soap applications. Pneumatic airlines on machinery. Manufacturing air tool lines. Suitable for water, fluids, and some chemicals.  
 \*Not suitable for brake fluids.

**Construction:**

**Tube/Cover** - Ether based polyurethane

**Fittings** - Permanently crimped male brass swivel NPT ends. Bend restrictors over fittings prevents scratches and scuffs.

**Temperature Range:**

-40°C to +79°C (-40°F to +175°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI (70° F)	Max W.P. PSI (122° F)	Weight lbs / ea.
AR55-025-10	1/4	0.38	125 PSI	75 PSI	0.50
AR55-025-15	1/4	0.38	125 PSI	75 PSI	0.65
AR55-025-20	1/4	0.38	125 PSI	75 PSI	0.65
AR55-025-25	1/4	0.38	125 PSI	75 PSI	0.85
AR55-025-30	1/4	0.38	125 PSI	75 PSI	1.20
AR55-025-50	1/4	0.38	125 PSI	75 PSI	2.00
AR55-038-10	3/8	0.57	125 PSI	75 PSI	1.00
AR55-038-15	3/8	0.57	125 PSI	75 PSI	1.40
AR55-038-20	3/8	0.57	125 PSI	75 PSI	1.80
AR55-038-25	3/8	0.57	125 PSI	75 PSI	2.20
AR55-038-30	3/8	0.57	125 PSI	75 PSI	2.40
AR55-038-50	3/8	0.57	125 PSI	75 PSI	4.00



## AR60 WIRE REINFORCED AIR



**Application:**

High pressure air service for mining, construction, rental and industrial use. More resistant to external abuse than textile air hose.

**Construction:**

**Tube** - Black; oil mist resistant synthetic rubber

**Reinforcement** - Layers of high tensile steel wire

**Cover** - Yellow gouge resistant synthetic rubber with red stripe

**Branding** - FLEXTRAL AR60-200 2" WIRE REINFORCED AIR HOSE 600 PSI MAX WP

**Temperature Range:**

-40°C to +85°C (-40°F to +185°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Standard Lengths
AR60-050	½	0.91	750	0.34	50'/100'
AR60-075	¾	1.14	750	0.44	50'/100'
AR60-100	1	1.44	750	0.65	50'/100'
AR60-125	1¼	1.81	650	1.03	50'/100'
AR60-150	1½	2.05	650	1.40	50'/100'
AR60-200	2	2.60	600	1.88	50'/100'
AR60-250	2½	3.15	500	2.57	50'/100'
AR60-300	3	3.70	450	3.35	50'/100'
AR60-400	4	4.88	400	4.70	50'/100'

## AR61 WIRE REINFORCED AIR - HTHD



**Application:**

High temperature, heavy duty, high pressure air hose for mining, construction, rental, and industrial use. Extreme abrasion resistance for the toughest applications.

**Construction:**

**Tube** - Black; oil and heat resistant synthetic rubber

**Reinforcement** - Layers of high tensile steel wire

**Cover** - Black; abrasion, weathering, and oil resistant carboxylated nitrile

**Branding** - FLEXTRAL AR61-100 1" WIRE REINFORCED AIR - HEAVY DUTY 600 PSI MAX WP

**Temperature Range:**

-30°C to +149°C (-22°F to +300°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Standard Lengths
AR61-100	1	1.50	600	0.63	50'/100'
AR61-125	1¼	1.77	600	0.77	50'/100'
AR61-150	1½	2.18	600	1.43	50'/100'
AR61-200	2	2.74	600	1.85	50'/100'
AR61-250	2½	3.24	600	2.24	50'/100'
AR61-300	3	3.75	600	2.96	50'/100'
AR61-400	4	4.94	600	4.82	50'/100'

## AR65 EXTRA SERVICE 400 AIR



**Application:**

A premium quality mining, construction, and industrial hose.

**Construction:**

**Tube** - Oil mist resistant black synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Yellow abrasion resistant rubber with blue stripe

**Branding** - FLEXTRAL AR65-100 1" EXTRA SERVICE AIR/WATER  
400 PSI MAX WP.

**Temperature Range:**

-35°C to +82°C (-38°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Standard Lengths
AR65-050	1/2	0.95	400	0.31	50/100'
AR65-075	3/4	1.26	400	0.41	50/100'
AR65-100	1	1.54	400	0.61	50/100'
AR65-125	1 1/4	1.89	400	0.81	50/100'
AR65-150	1 1/2	2.12	400	0.91	50/100'
AR65-200	2	2.63	400	1.20	50/100'
AR65-300	3	3.70	400	2.37	50/100'
AR65-400	4	4.80	400	3.30	50/100'

## AR65 EXTRA SERVICE 400 AIR ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
AR65-050MHMHX50	1/2	Mine Fitting	Mine Fitting	50	Crimp
AR65-100MHMHX50	1	Mine Fitting	Mine Fitting	50	Crimp
AR65-075FFX50	3/4	Female G-J	Female G-J	50	Crimp
AR65-200FFX50	2	Female G-J	Female G-J	50	Crimp
AR65-075FFBC50	3/4	Female G-J	Female G-J	50	Bolt Clamp
AR65-200FFBC50	2	Female G-J	Female G-J	50	Bolt Clamp

\*Call for other lengths and fitting combinations.

## AR67 CONTRACTORS 300 AIR



**Application:**

For construction, mining, and industrial use.

**Construction:**

**Tube** - Oil mist resistant black synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Yellow abrasion resistant rubber with green stripe

**Branding** - FLEXTRAL AR67-100 1" CONTRACTORS AIR/WATER  
300 PSI MAX WP

**Temperature Range:**

-30°C to +82°C (-30°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs / ft)	Standard Lengths
AR67-050	1/2	0.91	300	0.25	50'/100'
AR67-075	3/4	1.18	300	0.40	50'/100'
AR67-100	1	1.46	300	0.50	50'/100'
AR67-125	1 1/4	1.73	300	0.73	50'/100'
AR67-150	1 1/2	2.05	300	0.93	50'/100'
AR67-200	2	2.63	300	1.16	50'/100'
AR67-250	2 1/2	3.11	300	1.55	50'/100'
AR67-300	3	3.62	300	1.86	50'/100'

## AR67 CONTRACTORS 300 AIR ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
AR67-075UUX50	3/4	Universal	Universal	50	Crimp
AR67-075FFX50	3/4	Female G-J	Female G-J	50	Crimp
AR67-200FFX50	2	Female G-J	Female G-J	50	Crimp
AR67-075FFBC50	3/4	Female G-J	Female G-J	50	Bolt Clamp
AR67-200FFBC50	2	Female G-J	Female G-J	50	Bolt Clamp
AR67-050MHMHX50	1/2	Mine Fitting	Mine Fitting	50	Crimp
AR67-100MHMHX50	1	Mine Fitting	Mine Fitting	50	Crimp
AR67-075QMOMX50	3/4	Dix-Lok	Dix-Lok	50	Crimp

\*Call for other lengths and fitting combinations.

## MS20 YELLOW MINE SPRAY HOSE



**Application:**

Mine Spray hose is designed to withstand the toughest working environment. Wherever there is a severe application in mining, underground mining, oilfields, steel mills, and scrap yards, Flextral Mine Spray hose is ideal. It is made for air and water applications.

**Construction:**

**Tube** - Synthetic rubber

**Reinforcement**- High tensile steel wire

**Cover** - Yellow, perforated synthetic rubber; MSHA

**Branding** - FLEXTRAL 1/2" HEAVY DUTY AIR/WATER 1000 PSI WP MSHA

**Temperature Range:**

-35°C to +100°C (-31°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Bend Radius Inches	Weight (lbs./ft.)	One Piece Couplings
MS20-050	½	0.91	1000	6.02	0.37	E
MS20-075	¾	1.10	1000	8.98	0.41	E
MS20-100	1	1.34	1000	11.81	0.55	E
MS20-125	1¼	1.63	1000	15.12	0.74	E
MS20-150	1½	1.89	1000	17.95	0.95	E
MS20-200	2	2.44	1000	24.00	1.47	E

## AR11 CONTRACTORS WATER



**Application:**

For a wide range of heavy duty industrial, construction, and agricultural water discharge applications in which a heavy duty rubber water hose is needed.

**Construction:**

**Tube** - Black, limited oil resistant synthetic rubber

**Reinforcement** - Synthetic yarn

**Cover** - Smooth black, abrasion, and weather resistant rubber

**Branding** - FLEXTRAL AR11-100 1" (25.4mm) GENERAL PURPOSE AIR/WATER 200 PSI MAX WP

**Temperature Range:**

-35°C to +80°C (-30°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	EcoCoils	Reel Lengths
AR11-025	1/4	0.50	200	0.09	300'	300'/600'
AR11-031	5/16	0.58	200	0.12	300'	300'/600'
AR11-038	3/8	0.67	200	0.15	300'	300'/600'
AR11-050	1/2	0.81	200	0.20	300'	300'/600'
AR11-063	5/8	0.97	200	0.27	300'	300'
AR11-075	3/4	1.12	200	0.34	300'	300'/500'
AR11-100	1	1.44	200	0.54	300'	300'/400'
AR11-125	1 1/4	1.73	200	0.75	200'	200'/400'
AR11-150	1 1/2	1.98	200	0.86	200'	200'/400'

\*EcoCoil: Hose packaged in coils, not wound on a wooden or plastic reel.

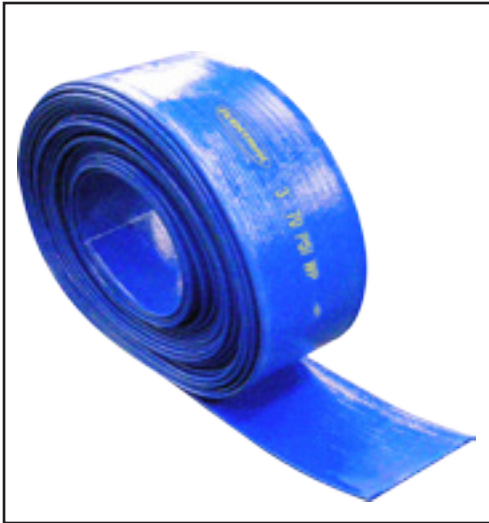
## AR11 CONTRACTORS WATER ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
AR11-050GHT25	1/2	M-GHT	F-GHT	25	Crimp
AR11-050GHT50	1/2	M-GHT	F-GHT	50	Crimp
AR11-050GHT75	1/2	M-GHT	F-GHT	75	Crimp
AR11-050GHT100	1/2	M-GHT	F-GHT	100	Crimp
AR11-063GHT25	5/8	M-GHT	F-GHT	25	Crimp
AR11-063GHT50	5/8	M-GHT	F-GHT	50	Crimp
AR11-063GHT75	5/8	M-GHT	F-GHT	75	Crimp
AR11-063GHT100	5/8	M-GHT	F-GHT	100	Crimp
AR11-075GHT25	3/4	M-GHT	F-GHT	25	Crimp
AR11-075GHT50	3/4	M-GHT	F-GHT	50	Crimp
AR11-075GHT75	3/4	M-GHT	F-GHT	75	Crimp
AR11-075GHT100	3/4	M-GHT	F-GHT	100	Crimp

\*Call for other lengths and fitting combinations.

## WA10 BLUE PVC LAYFLAT



**Application:**

A standard duty hose for portable pump and irrigation use. Hose folds flat for ease of coiling & handling. Common applications are rental, construction, mining, dewatering, agricultural and marine service.

**Construction:**

**Tube** - PVC

**Reinforcement** - Woven synthetic yarn

**Cover** - Blue PVC

**Branding** - FLEXTRAL WA10-200 80 PSI MAX WP

**Temperature Range:**

-21°C to +54°C (-5°F to +130°F )

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA10-150	1½	1.63	85	0.15	300'
WA10-200	2	2.15	80	0.22	300'
WA10-300	3	3.14	70	0.35	300'
WA10-400	4	4.14	70	0.48	300'
WA10-600	6	6.15	50	0.82	300'
WA10-800	8	8.15	50	1.21	300'

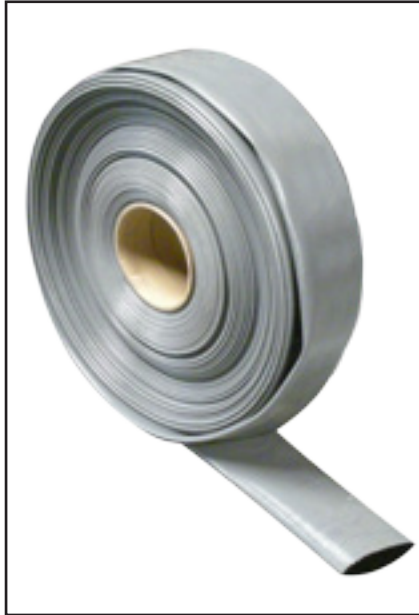
## WA10 BLUE PVC LAYFLAT ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA10-150CE50	1½	C	E	50	Preform Clamp
WA10-200CE50	2	C	E	50	Preform Clamp
WA10-300CE50	3	C	E	50	Preform Clamp
WA10-400CE50	4	C	E	50	Preform Clamp
WA10-600CE50	6	C	E	50	Preform Clamp

\*Call for other lengths, fitting and crimping/clamping combinations.

## WA12 GREY PVC LAYFLAT



**Application:**

A standard duty hose for portable pump and irrigation use. Hose folds flat for ease of coiling & handling. Common applications are rental, construction, mining, agricultural and marine service.

**Construction:**

**Tube** - PVC

**Reinforcement** - Woven synthetic yarn

**Cover** - Grey PVC

**Temperature Range:**

-23°C to +66°C (-10°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA12-150	1½	1.73	90	0.19	300'
WA12-200	2	2.22	80	0.24	300'
WA12-250	2½	2.79	60	0.36	300'
WA12-300	3	3.31	50	0.39	300'
WA12-400	4	4.33	45	0.65	300'
WA12-600	6	6.38	35	1.07	300'

## WA12 GREY PVC LAYFLAT ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA12-150CE50	1½	C	E	50	Preform Clamp
WA12-200CE50	2	C	E	50	Preform Clamp
WA12-300CE50	3	C	E	50	Preform Clamp
WA12-400CE50	4	C	E	50	Preform Clamp
WA12-600CE50	6	C	E	50	Preform Clamp

\*Call for other lengths, fitting and crimping/clamping combinations.



## WA13 BRICK RED/BROWN PVC LAYFLAT



**Application:**

This hose is a more rugged version of our blue and gray PVC layflat hose, designed for use where higher working pressures are required. Common applications are rental, construction, mining, agricultural and marine service.

**Construction:**

**Tube** - PVC

**Reinforcement** - Woven synthetic yarn

**Cover** - Brick Red/Brown PVC

**Branding** - FLEXTRAL WA13-200 120 PSI WP

**Temperature Range:**

-21°C to +54°C (-5°F to +130°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA13-150	1½	1.63	120	0.20	300'
WA13-200	2	2.14	120	0.25	300'
WA13-250	2½	2.66	115	0.30	300'
WA13-300	3	3.16	90	0.40	300'
WA13-400	4	4.18	90	0.60	300'
WA13-600	6	6.18	75	1.00	300'

## WA13 BRICK RED/BROWN PVC LAYFLAT ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA13-150CE50	1½	C	E	50	Preform Clamp
WA13-200CE50	2	C	E	50	Preform Clamp
WA13-300CE50	3	C	E	50	Preform Clamp
WA13-400CE50	4	C	E	50	Preform Clamp
WA13-600CE50	6	C	E	50	Preform Clamp

\*Call for other lengths, fitting and crimping/clamping combinations.



## WA14 HD BRICK RED/BROWN PVC LAYFLAT



**Application:**

A heavy duty hose for portable pump and irrigation use. Hose folds flat for ease of coiling & handling. Common applications are rental, construction, mining, agricultural and marine service.

**Construction:**

**Tube** - PVC

**Reinforcement** - Woven synthetic yarn

**Cover** - Brick Red/Brown PVC

**Branding** - WA14-300 150 PSI MAX WP

**Temperature Range:**

-21°C to +54°C (-5°F to +130°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA14-200	2	2.18	150	0.30	300'
WA14-300	3	3.20	150	0.47	300'
WA14-400	4	4.21	125	0.66	300'
WA14-600	6	6.25	115	1.12	300'
WA14-800	8	8.30	75	1.60	100'

## WA14 HD BRICK RED/BROWN PVC LAYFLAT ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA14-150CE50	1½	C	E	50	Preform Clamp
WA14-200CE50	2	C	E	50	Preform Clamp
WA14-300CE50	3	C	E	50	Preform Clamp
WA14-400CE50	4	C	E	50	Preform Clamp
WA14-600CE50	6	C	E	50	Preform Clamp

\*Call for other lengths, fitting and crimping/clamping combinations.

**WA20 BLACK IRON RIVER (OROFLEX 10 STYLE)**



**Application:**

A premium high pressure rubber layflat hose, suited ideally for mining, construction, agriculture, water jetting, dewatering, industrial wash down, submersible pump discharge applications. This hose has excellent abrasion and weathering resistance and limited oil resistance.

**Construction:**

**Tube** - Black ribbed abrasion and oil resistant nitrile rubber

**Reinforcement** - Circular woven polyester yarns

**Cover** - Black abrasion, weather and oil resistant nitrile rubber

**Branding** - FLEXTRAL WA20-200 2" IRON RIVER DISCHARGE HOSE 200 PSI MAX WP

**Temperature Range:**

-20°C to +82°C (-4°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA20-150	1½	1.70	200	0.21	300'
WA20-200	2	2.24	200	0.30	300'
WA20-250	2½	2.75	175	0.42	300'
WA20-300	3	3.28	175	0.46	300'
WA20-400	4	4.28	150	0.64	300'
WA20-600	6	6.34	150	1.11	300'
WA20-800	8	8.34	150	1.51	300'
WA20-1000	10	10.36	150	2.50	50'/100'
WA20-1200	12	12.42	150	3.92	50'/100'

**WA20 BLACK IRON RIVER ASSEMBLIES**



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA20-150CE50	1½	C	E	50	Preform Clamp
WA20-200CE50	2	C	E	50	Preform Clamp
WA20-300CE50	3	C	E	50	Preform Clamp
WA20-400CE50	4	C	E	50	Preform Clamp
WA20-600CE50	6	C	E	50	Preform Clamp
WA20-800CE50	8	C	E	50	Perform Clamp

\*Call for other lengths, fitting and crimping/clamping combinations.

## WA22 YELLOW IRON RIVER (OROFLEX 10 STYLE)



**Application:**

A premium high pressure rubber layflat hose, suited ideally for mining, construction, agriculture, water jetting, dewatering, industrial wash down, submersible pump discharge applications. This hose has excellent abrasion and weathering resistance and limited oil resistance.

**Construction:**

**Tube** - Yellow ribbed abrasion and oil resistant nitrile rubber

**Reinforcement** - Circular woven polyester yarns

**Cover** - Yellow abrasion, weather and oil resistant nitrile rubber

**Branding** - FLEXTRAL WA22-200 2" IRON RIVER DISCHARGE HOSE  
200 PSI MAX WP

**Temperature Range:**

-20°C to +82°C (-4°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA22-100	1	1.17	300	0.14	300'
WA22-150	1½	1.68	200	0.21	300'
WA22-200	2	2.18	200	0.30	300'
WA22-250	2½	2.66	175	0.42	300'
WA22-300	3	3.21	175	0.46	300'
WA22-400	4	4.25	150	0.64	300'
WA22-600	6	6.36	150	1.11	300'
WA22-800	8	8.36	150	1.51	300'
WA22-1000	10	10.36	150	2.50	50'/100'
WA22-1200	12	12.42	150	3.92	50'/100'

## WA22 YELLOW IRON RIVER ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA22-150CE50	1½	C	E	50	Preform Clamp
WA22-200CE50	2	C	E	50	Preform Clamp
WA22-300CE50	3	C	E	50	Preform Clamp
WA22-400CE50	4	C	E	50	Preform Clamp
WA22-600CE50	6	C	E	50	Preform Clamp
WA22-800CE50	8	C	E	50	Perform Clamp

\*Call for other lengths, fitting and crimping/clamping combinations.

## WA25 COLORADO (OROFLEX 20 STYLE)



**Application:**

A heavier walled more robust hose than the Iron River for the most severe applications. A lightweight, highly portable, high pressure air/water hose. Ideal for construction, water jetting, dewatering, mining, or where excessive abuse is a factor.

**Construction:**

**Tube** - Yellow abrasion and oil resistant nitrile rubber

**Reinforcement** - Circular woven high strength polyester yarns

**Cover** - Yellow abrasion, weather and oil resistant nitrile rubber

**Branding** - FLEXTRAL WA25-200 2" COLORADO HEAVY DUTY DISCHARGE HOSE

**Temperature Range:**

-20°C to +82°C (-4°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Water W.P. Max PSI	Air W.P. Max PSI	Weight (lbs./ft.)	Standard Lengths
WA25-075	¾	0.98	400	300	0.10	300'
WA25-100	1	1.34	400	300	0.14	300'
WA25-150	1½	1.86	300	200	0.30	300'
WA25-200	2	2.36	300	200	0.40	300'
WA25-300	3	3.40	250	150	0.64	300'
WA25-400	4	4.40	250	150	0.95	300'

## WA30 HD RUBBER DISCHARGE



**Application:**

For use on construction sites and general water service. High pressure allows pumping against greater vertical heads.

**Construction:**

**Tube** - Black rubber

**Reinforcement** - Multiple players of synthetic yarn

**Cover** - Black, weather resistant rubber

**Branding** - FLEXTRAL WA30-300 3" HEAVY DUTY WATER SUCTION DISCHARGE 150 PSI MAX WP

**Temperature Range:**

-35°C to +82°C (-30°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
WA30-200	2	2.32	150	0.48	50'/100'
WA30-300	3	3.38	150	1.08	50'/100'
WA30-400	4	4.37	150	1.38	50'/100'
WA30-600	6	6.46	150	2.62	50'/100'
WA30-800	8	8.54	150	4.20	50'/100'
WA30-1000	10	10.55	150	5.78	50'

## WA30 HD RUBBER DISCHARGE ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA30-200CE50	2	C	E	50	Preform Clamp
WA30-300CE50	3	C	E	50	Preform Clamp
WA30-400CE50	4	C	E	50	Preform Clamp
WA30-600CE50	6	C	E	50	Preform Clamp
WA30-800CE50	8	C	E	50	Preform Clamp

\*Call for other lengths and fitting combinations.

WA35 SINGLE JACKET - INDUSTRIAL MILL DISCHARGE



**Application:**

Heavy duty pump discharge and washdown hose, lightweight and layflat. Not approved for fire fighting service.

**Construction:**

**Tube** - Natural rubber

**Cover** - Single jacket, white 100% polyester

**Temperature Range:**

-17°C to +82°C (0°F to +180°F)

Part No.	I.D. Inches	Max W.P. PSI	Burst Pressue Max PSI	Weight lbs / ft	Standard Lengths
WA35-150	1½	250	750	0.14	50'/100'
WA35-200	2	250	750	0.20	50'/100'
WA35-250	2½	250	750	0.26	50'/100'
WA35-300	3	250	750	0.32	50'/100'
WA35-400	4	250	750	0.50	50'/100'

WA35 INDUSTRIAL MILL DISCHARGE ASSEMBLIES



Part No.	Hose Size	Fitting Material	Fitting A	Fitting B	Length (ft)	Attaching Method
WA35-150IPT50	1½	Aluminum	MIPT	FIPT	50	EXPANDED
WA35-150NST50	1½	Aluminum	MNST	FNST	50	EXPANDED
WA35-250IPT50	2½	Aluminum	MIPT	FIPT	50	EXPANDED
WA35-250NST50	2½	Aluminum	MNST	FNST	50	EXPANDED
WA35-250CSA50	2½	Aluminum	MCSA	FCSA	50	EXPANDED
WA35-200IPT50	2	Aluminum	MIPT	FIPT	50	CLAMPED
WA35-300IPT50	3	Aluminum	MIPT	FIPT	50	CLAMPED
WA35-400IPT50	4	Aluminum	MIPT	FIPT	50	CLAMPED

\*Call for other lengths and fitting combinations.



## WA38 DOUBLE JACKET - INDUSTRIAL MILL DISCHARGE



**Application:**

Heavy duty pump discharge and washdown hose, lightweight and layflat. Not approved for fire fighting service.

**Construction:**

**Tube** - Natural Rubber

**Cover** - Double jacket white 100% polyester

**Temperature Range:**

-17°C to +82°C (0°F to +180°F)

Part No.	I.D. Inches	Max W.P. PSI	Burst Pressure Max PSI	Weight lbs / ft	Standard Lengths
WA38-150	1½	400	1200	0.26	50'/100'
WA38-250	2½	400	1200	0.47	50'/100'

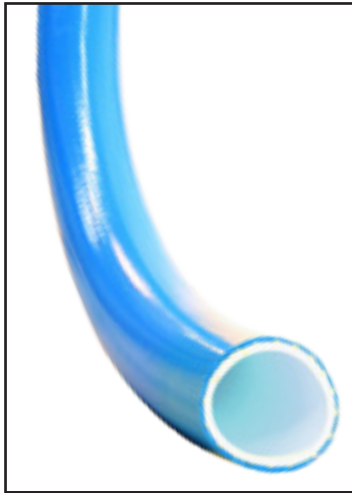
## WA38 INDUSTRIAL MILL DISCHARGE ASSEMBLIES



Part No.	Hose Size	Fitting Material	Fitting A	Fitting B	Length (ft)	Attaching Method
WA38-150IPT50	1½	Aluminum	MIPT	FIPT	50	EXPANDED
WA38-150NST50	1½	Aluminum	MNST	FNST	50	EXPANDED
WA38-250IPT50	2½	Aluminum	MIPT	FIPT	50	EXPANDED
WA38-250NST50	2½	Aluminum	MNST	FNST	50	EXPANDED
WA38-250CSA50	2½	Aluminum	MCSA	FCSA	50	EXPANDED

\*Call for other lengths and fitting combinations.

## WA40 POTABLE WATER HOSE



**Application:**

A high purity, quality potable water hose, specifically designed for temporary water supply and bypass application.

**Construction:**

**Tube** - White PVC tube

**Reinforcement** - Synthetic reinforcement

**Cover** - Blue PVC

**Temperature Range:**

-23°C to +65°C (-10°F to +150°F)

Part No.	I.D. Inches	Max W.P. PSI	Weight lbs / ft	Standard Lengths
WA40-075	3/4	250	0.34	500'
WA40-200	2	110	0.96	100'

\*Note: W.P. at 20°C/70°F

## WA50 HD RUBBER SUCTION & DISCHARGE



**Application:**

A heavy duty rubber suction hose for construction, quarries, mining, dewatering, heavy duty applications, and general use. Suitable for full vacuum.

**Construction:**

**Tube** - Black smooth rubber

**Reinforcement** - Synthetic yarn with a wire helix

**Cover** - Black smooth abrasion resistant rubber

**Branding** - FLEXTRAL WA50-200 2" RUBBER WATER SUCTION HOSE  
150 PSI MAX WP

**Temperature Range:**

-32°C to +85°C (-25°F to +185°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Bend Radius Inches	Vacuum (Hg.)	Weight (lbs./ft.)	Standard Lengths
WA50-075	3/4	1.22	150	3.0	29	0.48	100'
WA50-100	1	1.38	150	6.0	29	0.49	100'
WA50-125	1 1/4	1.72	150	6.0	29	0.75	100'
WA50-150	1 1/2	1.89	150	6.5	29	0.80	100'
WA50-200	2	2.44	150	8.0	29	1.10	100'
WA50-250	2 1/2	2.95	150	10.0	29	1.75	100'
WA50-300	3	3.46	150	12.0	29	2.24	100'
WA50-400	4	4.53	150	18.0	29	2.79	100'
WA50-500	5	5.68	150	26.0	29	3.25	100'
WA50-600	6	6.54	150	31.0	29	5.75	20'/100'
WA50-800	8	8.82	150	42.0	29	6.59	20'/100'
WA50-1000	10	10.91	150	50.0	29	10.25	20'
WA50-1200	12	12.87	150	60.0	29	13.50	20'



## WA50 RUBBER SUCTION & DISCHARGE ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA50-150CM020-XFC	1½	C	CNT	20	Crimp Sleeve
WA50-200CM020-XFC	2	C	CNT	20	Crimp Sleeve
WA50-300CM020-XFC	3	C	CNT	20	Crimp Sleeve
WA50-400CM020-XFC	4	C	CNT	20	Crimp Sleeve
WA50-600CM020-XFC	6	C	CNT	20	Crimp Sleeve

\*Call for other lengths and fitting combinations.



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA50-150CE020-XFC	1½	C	E	20	Crimp Sleeve
WA50-200CE020-XFC	2	C	E	20	Crimp Sleeve
WA50-300CE020-XFC	3	C	E	20	Crimp Sleeve
WA50-400CE020-XFC	4	C	E	20	Crimp Sleeve
WA50-600CE020-XFC	6	C	E	20	Crimp Sleeve



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA50-300BS020-XFC	3	Socket	Ball	20	Crimp Sleeve
WA50-400BS020-XFC	4	Socket	Ball	20	Crimp Sleeve
WA50-600BS020-XFC	6	Socket	Ball	20	Crimp Sleeve
WA50-800BS020-XFC	8	Socket	Ball	20	Crimp Sleeve



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA50-400FFSF020-XFC	4	Fix Flange	Floating Flange	20	Crimp Sleeve
WA50-600FFSF020-XFC	6	Fix Flange	Floating Flange	20	Crimp Sleeve
WA50-800FFSF020-XFC	8	Fix Flange	Floating Flange	20	Crimp Sleeve

## WA60 GREEN PVC SUCTION



**Application:**

An economical and flexible suction hose for construction pumps, septic, agricultural, and general water service.

**Construction:**

**Tube** - Green PVC  
**Reinforcement** - PVC helix  
**Cover** - Green PVC

**Temperature Range:**

-10°C to +70°C (-0°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Vacuum Inches Hg.@70°F	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
WA60-075	¾	0.98	Full	130	0.18	100'
WA60-100	<b>1</b>	1.24	Full	106	0.25	100'
WA60-125	<b>1¼</b>	1.53	Full	99	0.32	100'
WA60-150	<b>1½</b>	1.78	Full	89	0.37	100'
WA60-200	<b>2</b>	2.32	Full	79	0.61	100'
WA60-250	<b>2½</b>	2.85	Full	65	0.87	100'
WA60-300	<b>3</b>	3.41	Full	65	1.08	100'
WA60-400	<b>4</b>	4.46	Full	55	1.69	100'
WA60-500	<b>5</b>	5.58	28	50	2.36	100'
WA60-600	<b>6</b>	6.57	28	47	3.05	100'
WA60-800	<b>8</b>	8.92	28	40	6.35	20'
WA60-1000	<b>10</b>	10.93	28	35	8.75	20'

## WA60 GREEN PVC SUCTION ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA60-150CM20	<b>1½</b>	C	CNT	20	Preform Clamp
WA60-200CM20	<b>2</b>	C	CNT	20	Preform Clamp
WA60-300CM20	<b>3</b>	C	CNT	20	Preform Clamp
WA60-400CM20	<b>4</b>	C	CNT	20	Preform Clamp
WA60-600CM20	<b>6</b>	C	CNT	20	Preform Clamp

\*Call for other lengths and fitting combinations.

## WA62 CLEAR PVC SUCTION



**Application:**

Construction, mining, agricultural, and quarry supply lines. Wellpoint systems, agri-foam systems, liquid fertilization, and septic tanks.

**Construction:**

**Tube** - Clear PVC

**Reinforcement** - PVC helix

**Cover** - Smooth, clear PVC

**Temperature Range:**

-20°C to +70°C (-4°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Vacuum Inches Hg.@70°F	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
WA62-075	3/4	1.01	Full	110	0.19	100'
WA62-100	1	1.26	Full	85	0.26	100'
WA62-125	1 1/4	1.56	Full	85	0.35	100'
WA62-150	1 1/2	1.83	Full	70	0.46	100'
WA62-200	2	2.32	Full	65	0.66	100'
WA62-250	2 1/2	2.87	Full	65	0.87	100'
WA62-300	3	3.43	Full	60	1.24	100'
WA62-400	4	4.50	Full	50	1.85	100'
WA62-500	5	5.58	28	45	2.42	100'
WA62-600	6	6.75	28	40	3.39	100'
WA62-800	8	9.18	28	30	5.97	20'
WA62-1000	10	11.56	28	25	9.73	20'

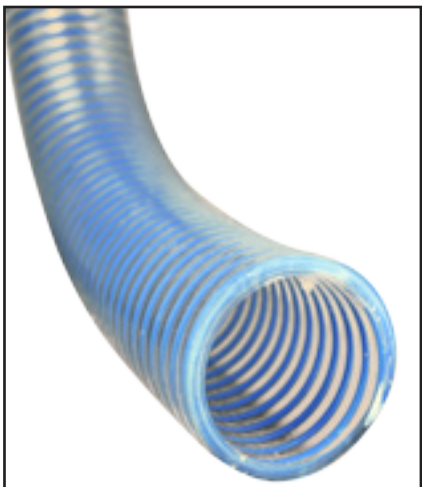
## WA62 CLEAR PVC SUCTION ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA62-150CM20	1 1/2	C	CNT	20	Preform Clamp
WA62-200CM20	2	C	CNT	20	Preform Clamp
WA62-300CM20	3	C	CNT	20	Preform Clamp
WA62-400CM20	4	C	CNT	20	Preform Clamp
WA62-600CM20	6	C	CNT	20	Preform Clamp

\*Call for other lengths and fitting combinations.

## WA64 COLD-TUFF PVC SUCTION



**Application:**

Construction pumps, septic tank, marine pump-out service, mining, and quarry use. Provides sub zero flexibility and increased abrasion resistance compared to standard PVC.

**Construction:**

**Tube** - Clear, low temp PVC

**Reinforcement** - Blue PVC helix

**Cover** - Clear, low temp PVC with excellent weather and abrasion resistance

**Temperature Range:**

-40°C to +65°C (-40°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Vacuum Inches Hg.@70°F	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
WA64-075	3/4	1.01	Full	115	0.19	100'
WA64-100	1	1.26	Full	90	0.22	100'
WA64-125	1 1/4	1.56	Full	90	0.36	100'
WA64-150	1 1/2	1.79	Full	90	0.48	100'
WA64-200	2	2.35	Full	90	0.62	100'
WA64-250	2 1/2	2.87	Full	70	0.87	100'
WA64-300	3	3.43	Full	65	1.23	100'
WA64-400	4	4.49	Full	55	1.83	100'
WA64-500	5	5.57	28	45	2.42	100'
WA64-600	6	6.69	28	40	3.36	100'

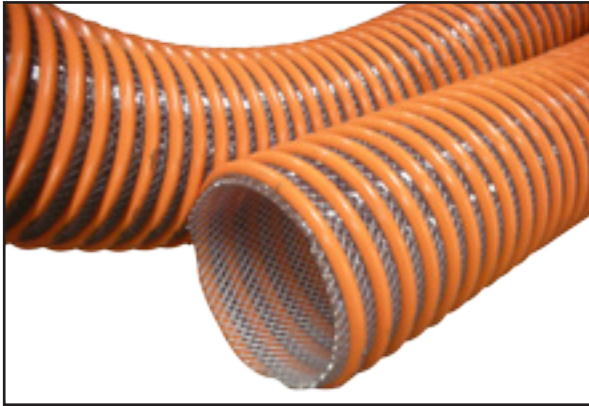
## WA64 COLD-TUFF ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA64-150CM20	1 1/2	C	CNT	20	Preform Clamp
WA64-200CM20	2	C	CNT	20	Preform Clamp
WA64-300CM20	3	C	CNT	20	Preform Clamp
WA64-400CM20	4	C	CNT	20	Preform Clamp

\*Call for other lengths and fitting combinations.

## WA65 FLEX-LINE SR



**Application:**

Heavy duty, extra flexible suction and discharge hose for use in water service, dewatering, fish suction, general service, and rental/construction.

**Construction:**

**Tube** - Flexible PVC

**Reinforcement** - Synthetic yarn polyester fabric braid

**Cover** - Flexible, orange PVC helix

**Temperature Range:**

-25°C to +60°C (-13°F to +140°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Bend Radius Inches @70°F	Vacuum Hg.@70°F	Weight (lbs./ft.)	Standard Lengths
WA65-150	1½	2.03	110	2.5	28.0	0.47	100'
WA65-200	2	2.60	110	4.0	28.0	0.70	100'
WA65-300	3	3.70	100	6.3	28.0	1.13	100'
WA65-400	4	4.78	75	7.1	28.0	1.74	100'
WA65-500	5	6.04	70	9.0	28.0	2.97	100'
WA65-600	6	7.17	70	10.2	28.0	3.88	100'
WA65-800	8	9.34	60	15.7	28.0	5.54	20'
WA65-1000	10	11.63	40	24.8	28.0	8.68	20'
WA65-1200	12	13.66	28	45.0	25.0	10.30	20'

\*Clockwise/Right Hand Helix

## WA65 FLEX-LINE SR ASSEMBLIES

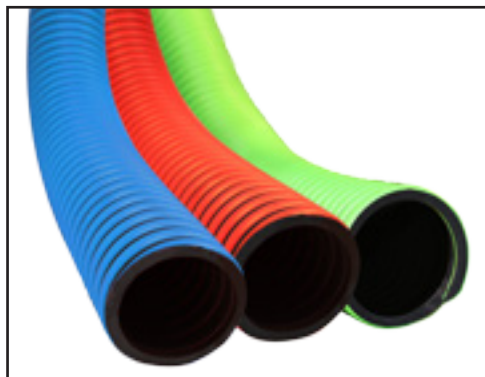


Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA65-150CM20SB	1½	C	CNT	20	Spiral Bolt Clamp
WA65-200CM20SB	2	C	CNT	20	Spiral Bolt Clamp
WA65-300CM20SB	3	C	CNT	20	Spiral Bolt Clamp
WA65-400CM20SB	4	C	CNT	20	Spiral Bolt Clamp
WA65-600CM20SB	6	C	CNT	20	Spiral Bolt Clamp
WA65-800CM20SB	8	C	CNT	20	Spiral Bolt Clamp

Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA65-200CE50SB	2	C	E	20	Spiral Bolt Clamp
WA65-300CE50SB	3	C	E	20	Spiral Bolt Clamp
WA65-400CE50SB	4	C	E	20	Spiral Bolt Clamp
WA65-600CE50SB	6	C	E	20	Spiral Bolt Clamp
WA65-800CE50SB	8	C	E	20	Spiral Bolt Clamp

\*Call for other lengths and fitting combinations.

## WA80 EPDM FLEX-TUFF



**Application:**

Lightweight and flexible with abrasion resistant cover for septic handling, liquid waste, slurries, liquid and dry chemicals, agricultural liquid, dry fertilizers, grains, seeds, water transfer, mining, construction, rental equipment, sewer cleaning, and plant maintenance.

**Construction:**

**Tube** - Black smooth EPDM

**Cover** - Convoluted green, red, and blue polyethylene helix

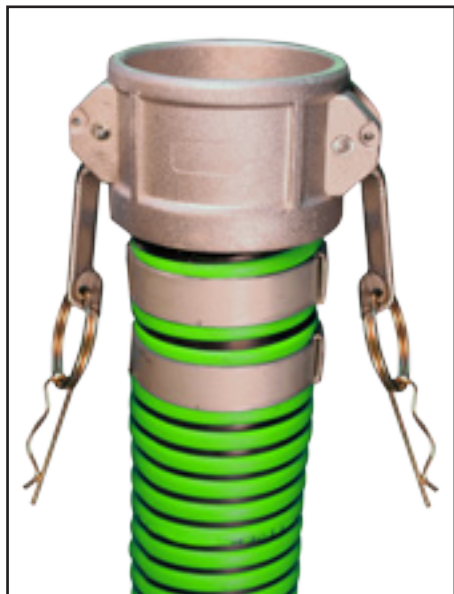
**Temperature Range:**

-40°C to +71°C (-40°F to +160°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Bend Radius Inches @70°F	Vacuum Hg.@70°F	Weight (lbs./ft.)	Standard Lengths
WA80-100GR	1	1.40	65	2.0	29	0.28	100'
WA80-125GR	1¼	1.63	60	3.0	29	0.33	100'
WA80-150GR	1½	1.93	50	3.0	29	0.44	100'
WA80-200GR	2	2.51	50	5.0	29	0.67	100'
WA80-250GR	2½	3.07	45	5.5	29	0.95	100'
WA80-300GR	3	3.60	45	7.0	29	1.14	100'
WA80-400GR	4	4.70	40	11.5	29	1.84	100'
WA80-600GR	6	6.85	30	20.0	28	3.07	100'

\*GR indicates the color Green, for other colors change the suffix to the following: BL - Blue, and RD - Red  
Some colors are non-stock and may require minimum runs.

## WA80 EPDM FLEX-TUFF ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
WA80-150CM20GR	1½	C	CNT	20	Preform Clamp
WA80-200CM20GR	2	C	CNT	20	Preform Clamp
WA80-300CM20GR	3	C	CNT	20	Preform Clamp
WA80-400CM20GR	4	C	CNT	20	Preform Clamp
WA80-600CM20GR	6	C	CNT	20	Preform Clamp

\*Call for other lengths and fitting combinations.

\*GR indicates the color Green, for other colors change the suffix to the following: BL - Blue, and RD - Red  
Some colors are non-stock and may require minimum runs.



## WA90 GREEN PAPERMILL WASHDOWN



**Application:**

Suitable for hot or cold water washdown service in paper mills. Hose incorporates an integral built-in tapered rubber nozzle.

**Construction:**

**Tube** - Black synthetic heat resistant rubber

**Reinforcement**- Multiple layers of moisture resistant yarn

**Cover** - Green abrasion resistant synthetic rubber

**Branding** - FLEXTRAL WA90-100 1" PAPERMILL WASHDOWN HOSE 250 PSI MAX WP

**Temperature Range:**

-35°C to +80°C (-31°F to +176°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Weight (lbs./ft.)	Standard Lengths
WA90-075	3/4	1.26	250	0.40	50'
WA90-100	1	1.50	250	0.56	50'

## MS20 YELLOW MINE SPRAY HOSE



**Application:**

Mine Spray hose is designed to withstand the toughest working environment. Wherever there is a severe application in mining, underground mining, oilfields, steel mills, and scrap yards, Mine Spray hose is ideal. It is made for air and water applications.

**Construction:**

**Tube** - Synthetic rubber

**Reinforcement**- High tensile steel wire

**Cover** - Yellow, perforated synthetic rubber, MSHA

**Branding** - FLEXTRAL 1/2" HEAVY DUTY AIR/WATER 1000 PSI WP MSHA

**Temperature Range:**

-35°C to +100°C (-31°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Bend Radius Inches	Weight (lbs./ft.)	One Piece Couplings
MS20-050	1/2	0.91	1000	6.02	0.37	E
MS20-075	3/4	1.10	1000	8.98	0.41	E
MS20-100	1	1.34	1000	11.81	0.55	E
MS20-125	1 1/4	1.63	1000	15.12	0.74	E
MS20-150	1 1/2	1.89	1000	17.95	0.95	E
MS20-200	2	2.44	1000	24.00	1.47	E

**PE08 CORRUGATED OILFIELD VACUUM HOSE**



**Application:**

Tank truck service, including oil field vacuum truck, where full suction or rated working pressures are required. Ideal for applications handling crude oil, salt and fresh water, tank bottoms, drilling mud, dilute solutions of hydrochloric acids, diesel fuels and sewage transfer.

Tube -Black, smooth synthetic rubber compound

Reinforcement - Synthetic yarn with a steel wire helix

Cover - Black corrugated

Branding - FLEXTRAL PE08-200 PETRO-FLEX 150 PSI MAX WP

**Temperature Range:**

-40°C to +100°C (-40°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE08-200	2	2.44	150	5.0	0.88	100'/200'
PE08-300	3	3.46	150	7.5	1.41	100'/200'
PE08-400	4	4.57	150	9.8	2.39	100'/200'
PE08-600	6	6.65	150	18.1	4.50	100'/200'
PE08-800	8	8.86	150	24.0	7.85	100'/200'



**PE10 PETRO-FLEX CORRUGATED TANK TRUCK**



**Application:**

For use with petroleum based products with aromatic content up to 50%. An all purpose petroleum suction and discharge hose. For tank truck and in plant operations to transfer gasoline, kerosene, diesel, fats, grease, animal and vegetable oils - may also be used for hydraulic suction and return lines. Rated full vacuum.

**Construction:**

**Tube** - Black nitrile RMA class A

**Reinforcement** - Synthetic yarn with a double wire helix

**Cover** - Black corrugated

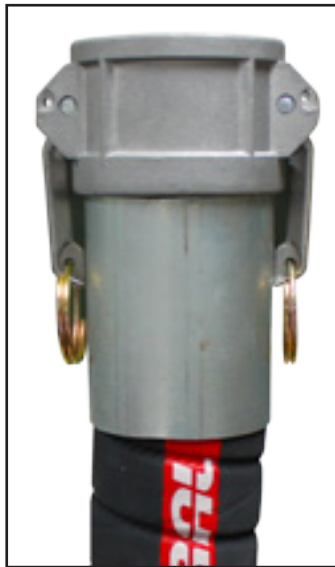
**Branding** - FLEXTRAL PE10-200 2" PETRO-FLEX 150 PSI MAX WP

**Temperature Range:**

-40°C to +100°C (-40°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE10-100	1	1.42	150	2.0	0.54	100'
PE10-125	1¼	1.70	150	2.5	0.67	100'
PE10-150	1½	1.95	150	3.0	0.84	100'
PE10-200	2	2.50	150	4.2	1.10	100'/200'
PE10-250	2½	3.03	150	5.0	1.41	100'
PE10-300	3	3.56	150	6.0	1.72	100'/200'
PE10-400	4	4.60	150	12.0	2.27	100'/200'
PE10-600	6	6.77	150	18.1	4.77	100'/200'
PE10-800	8	8.85	150	20.1	6.02	100'

**PE10 PETRO-FLEX TANK TRUCK ASSEMBLIES**



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
PE10-150CEX20	1½	C	E	20	Crimp
PE10-200CEX20	2	C	E	20	Crimp
PE10-300CEX20	3	C	E	20	Crimp
PE10-400CEX20	4	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

## PE13 PETRO-FLEX LT



**Application:**

For use with petroleum based products with an aromatic content of up to 50%. An all purpose petroleum suction and discharge hose for tank truck and in plant operations to transfer gasoline, kerosene, diesel, fats, grease, animal and vegetable oils. May also be used for oil field wastes and water.

**Construction:**

**Tube** - Black, smooth synthetic rubber compound

**Reinforcement** - High strength synthetic cord, steel wire helix

**Cover** - Red, corrugated wrapped finish, synthetic rubber cover; oil fuel, and weather resistant

**Branding** - PE13-300 3" PETRO-FLEX LT 100 PSI MAX WP

**Temperature Range:**

-35°C to +100°C (-31°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE13-200	2	2.38	100	4.0	1.08	100'
PE13-300	3	3.41	100	6.0	1.63	100'
PE13-400	4	4.53	100	9.0	2.22	100'

## PE13 PETRO-FLEX LT ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
PE13-200CEX20	2	C	E	20	Crimp
PE13-300CEX20	3	C	E	20	Crimp
PE13-400CEX20	4	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

## PE15 ARCTIC BEAR CORRUGATED TANK TRUCK



### Application:

Flexible transfer hose specially designed for transferring mineral oil products and fuel mixtures. Suitable for tank trunk and storage tank applications under extreme conditions.

### Construction:

**Tube** - Blend of synthetic elastomer compound; black, smooth, antistatic, oil and fuel resistant

**Reinforcement** - High tensile textile cord, double steel helix

**Cover** - Blend of synthetic elastomer compound, black or blue, flat-corrugated with cloth impression, abrasion, weather and ozone resistant

**Branding** - FLEXTRAL PE15-200 2" ARCTIC BEAR COLD-TEMP TANK TRUCK 150 PSI MAX WP

### Temperature Range:

-55°C to +100°C (-67°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE15-150	1½	1.93	150	3.7	0.78	100'
PE15-200	2	2.52	150	5.0	1.05	100'
PE15-300	3	3.54	150	7.5	1.75	100'
PE15-400	4	4.65	150	10.0	2.68	100'

## PE15 ARCTIC BEAR ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
PE15-200CEX20	2	C	E	20	Crimp
PE15-300CEX20	3	C	E	20	Crimp
PE15-400CEX20	4	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

## PE18 PETRO-FLEX 300 HD OILFIELD VACCUM HOSE



**Application:** Premium high pressure petroleum transfer hose for handling ethanol blend, gasoline, oils, and other petroleum products at higher working pressures.

**Construction:**

**Tube** - Black, smooth synthetic rubber compound

**Reinforcement** - Spiral-ply fabric with wire helix

**Cover** - SBR

**Branding** - FLEXTRAL PE18-200 2" PETRO-FLEX 300 PSI MAX WP

**Temperature Range:**

-37°C to +82°C (-35°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE18-200	2	2.53	300	5.0	1.21	100'
PE18-300	3	3.57	300	7.0	1.97	100'
PE18-400	4	4.71	300	10.0	3.16	100'
PE18-500	5	5.91	300	20.0	5.34	100'
PE18-600	6	6.91	300	24.0	6.31	100'

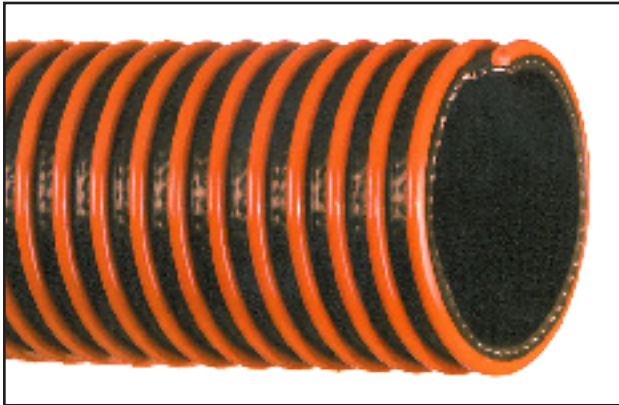
## PE18 PETRO-FLEX 300 HD OILFIELD VACCUM HOSE ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
PE18-200CEX20	2	C	E	20	Crimp
PE18-300CEX20	3	C	E	20	Crimp
PE18-400CEX20	4	C	E	20	Crimp
PE18-500CEX20	5	C	E	20	Crimp
PE18-600CEX20	6	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

## PE20 TANK TRUCK DROP HOSE



**Application:**

Gasoline tank truck gravity drop hose for such items as gasoline, diesel, light and heavy oil, and up to 15% gasohol. Hose can handle petroleum product with up to 40% aromatic content.

**Construction:**

**Tube** - Black, smooth synthetic rubber

**Reinforcement** - Synthetic oil resistant rubber tube with smooth bore, synthetic braiding, and static grounding wire, bonded to an external helix

**Cover** - External helix allows for easy dragging of hose

**Temperature Range:**

-34°C to 60+°C (-30°F to +140°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE20-200	2	2.68	66	5.0	1.13	100'
PE20-300	3	3.68	66	6.0	1.37	100'
PE20-400	4	4.82	66	8.0	2.16	100'

\*Banding Sleeves or banding coils must be used on 3" and 4" hose.

\*\*Caution: Static wire must be properly imbedded during fabrications and tested to assure static grounding of hose.

**PE30 FUEL-OIL DELIVERY**



**Application:**

Designed for use in home delivery of fuel-oil, non-leaded gasoline, diesel, and tractor fuels. Low shrinkage under pressure and smooth cover for easy pull. Kink and twist resistant braided construction.

**Construction:**

**Tube** - Black NBR

**Reinforcement** - Braided synthetic yarn

**Cover** - Low friction abrasion resistant non marking red

**Branding** - FLEXTRAL PE30-100 1" FUEL OIL DELIVERY HOSE  
250 PSI MAX WP

**Temperature Range:**

-40°C to +80°C (-40°F to +180°F)

Note: Gasoline is normally conveyed below 120°F or 49°C

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Braid	Weight (lbs./ft.)	Standard Lengths
PE30-100	1	1.50	250	2	0.60	75', 100', 150', 200'
PE30-125	1¼	1.76	250	2	0.65	75', 100', 150', 200'
PE30-138	1⅜	1.84	250	2	0.70	75', 100', 150', 200'
PE30-150	1½	2.10	250	2	0.93	75', 100', 150', 200'

**PE30 FUEL-OIL DELIVERY ASSEMBLIES**



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
PE30-100MM150	1	1 M-NPT	1 M-NPT	150	IE / Crimp
PE30-125MM150	1¼	1-1/4 M-NPT	1-1/4 M-NPT	150	IE / Crimp
PE30-138M150150M150	1⅜	1-1/2 M-NPT	1-1/2 M-NPT	150	IE / Crimp
PE30-150MM150	1½	1-1/2 M-NPT	1-1/2 M-NPT	150	IE / Crimp

\*Call for other lengths and fitting combinations.

## PE40 FARM TANK



**Application:**

A multi-purpose hose for dispensing gasoline, grease, kerosene, petroleum, and oils from agricultural and barrel type pumps.

\*This hose is not UL approved.

**Construction:**

**Tube** - Black nitrile

**Reinforcement** - Synthetic yarn and copper static wire

**Cover** - Black neoprene

**Branding** - FLEXTRAL PE40-075 3/4" FARM TANK HOSE

**Temperature Range:**

-34°C to +60°C (-30°F to +140°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
PE40-075S	3/4	1.00	100	0.27	300'
PE40-100S	1	1.40	100	0.52	300'

## PE45 ARCTIC WOLF



**Application:**

Delivery hose suitable for transportation of air, water, oil and fuel mixtures at extreme cold conditions.

**Construction:**

**Tube** - Blend of synthetic elastomer compound, black, smooth, antistatic, oil and fuel resistant

**Reinforcement** - High tensile textile cord

**Cover** - Blend of synthetic elastomer compound, black or blue, smooth with cloth impression, abrasion, weather and ozone resistant

**Branding** - PE45-075 3/4" ARCTIC WOLF 300 PSI MAX WP

**Temperature Range:**

-55°C to +100°C (-67°F to +212°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE45-050	1/2	0.94	300	4.0	0.29	200'
PE45-075	3/4	1.20	300	6.0	0.47	200'
PE45-100	1	1.48	300	7.9	0.58	200'
PE45-125	1 1/4	1.77	300	10.0	0.70	200'
PE45-150	1 1/2	2.09	300	12.0	0.96	200'
PE45-200	2	2.60	300	15.7	1.24	200'



PE52 DOCK-FLEX



**Application:**

Flextral PE52 is a heavy duty oil suction and discharge (OS&D)/dock hose for transferring oil between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that resists media to 50% aromatic content. The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged corrugated cover provides additional flexibility and is resistant to abrasion, mild chemicals, oil and weathering. Flextral PE52 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

**Construction:**

**Tube** - Black Nitrile

**Reinforcement** - Multiple plies of textile with dual wire helix

**Cover** - Black synthetic rubber; corrugated wrapped finish

**Branding** - FLEXTRAL PE52-800 8" DOCK-FLEX 225 PSI MAX WP OIL S/D USCG APPROVED

**Couplings** - Fixed or Floating Flanges

**Temperature Range:**

-40°C to +82°C (-40°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE52-400	4	5.00	225	20	4.30	As Required
PE52-600	6	7.25	225	29	8.20	As Required
PE52-800	8	9.41	225	38	12.30	As Required
PE52-1000	10	11.72	225	48	21.01	As Required
PE52-1200	12	13.91	225	58	27.06	As Required

## CP10 COMPO CARGO & OIL HOSE GG



### Application:

Extremely flexible, easy to handle. FLEXTRAL CP10 hoses are used in such applications as transfer for rail and road tanker, loading and unloading; storage tank and in-plant use. Specifically engineered to handle oils, petrol, diesel, lubricating oils, paraffin. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge.

FLEXTRAL CP10 is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). Meets USCG Requirements.

**Construction:** FLEXTRAL CP10 is a multi-layer thermoplastic hose. All the different layers are wrapped together and tensioned between galvanized internal and galvanized external wire. This enables our product to meet the requirement of the Petrol-chemical industry and those of the oil tank truck industry.

**Branding** - FLEXTRAL CP10-300 3" COMPO CARGO & OIL HOSE  
200 PSI MAX WP GG

### Temperature Range:

-40°C to +81°C (-40°F to +180°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
CP10-075	¾	200	2.0	0.50	130'
CP10-100	1	200	2.0	0.62	130'
CP10-125	1¼	200	3.0	0.69	130'
CP10-150	1½	200	4.0	0.81	130'
CP10-200	2	200	6.0	1.08	130'
CP10-250	2½	200	8.0	1.38	130'
CP10-300	3	200	10.0	1.61	130'
CP10-400	4	200	12.0	2.69	130'

\*Other wire variations available upon request.

**CP12 HD MARINE COMPO CARGO & OIL HOSE GG**



**Application:**

FLEXTRAL CP12 HD MARINE hose is a heavy duty hose for the transfer of a wide variety of hydrocarbons under suction or pressure. CP12 OIL MARINE hoses are used for ship to shore and ship to ship, dockside and general shipboard applications. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge.

FLEXTRAL CP12 is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). DNV, Rina, Approved. Meets USCG requirements.

**Construction:**

FLEXTRAL CP12 HD MARINE is a multi-layer thermoplastic hose. All the different layers are wrapped together and tensioned between galvanized internal and galvanized external wire of bigger diameter and higher density. This enables our product to maintain extreme flexibility with tremendous strength and durability

**Branding** - FLEXTRAL CP12-1200 12" HD MARINE COMPO CARGO & OIL HOSE 200 PSI MAX WP GG

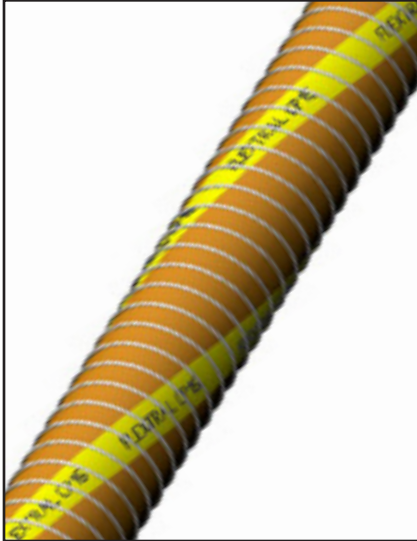
**Temperature Range:**

-40°C to +100°C (-40°F to +212°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
CP12-600	<b>6</b>	200	23.0	7.70	130'
CP12-800	<b>8</b>	200	32.0	10.83	130'
CP12-1000	<b>10</b>	200	40.0	15.44	80'
CP12-1200	<b>12</b>	200	48.0	21.35	80'

\*Other wire variations available upon request.

## CP15 COMPO FUEL DELIVERY HOSE



### Application:

Extremely flexible, lightweight and easy to handle and bend, FLEXTRAL CP15 is a hose designed for the transfer of fuels, chemicals, or hydrocarbon products, under suction or pressure, where a super-light hose, combined with a real effective abrasion resistant outer cover is required. The FLEXTRAL CP15, has been specifically designed to transfer the new Ethanol based Diesel, Bio Diesel, leaded and unleaded fuels, and for vapor recovery as well.

FLEXTRAL CP15 is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005).

### Construction:

FLEXTRAL CP15 is a new revolutionary multi-layer thermoplastic hose. All the different layers of FLEXTRAL CP15 are wrapped together and tensioned between aluminum internal and aluminum external Aluminum wire.

**Branding** - FLEXTRAL CP15-300 3" COMPO FUEL DELIVERY HOSE 100 PSI MAX WP AA

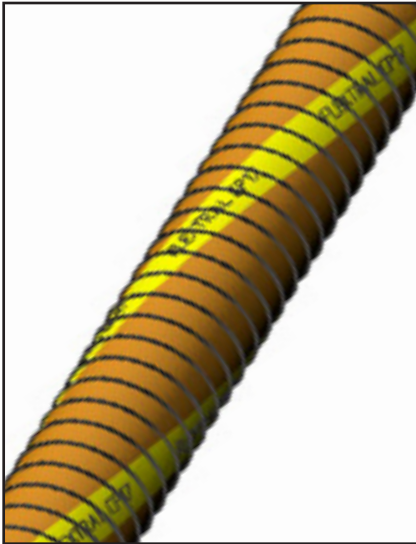
### Temperature Range: -

-40°C to +81°C (40°F to +180°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
CP15-200	2	100	4.0	0.63	130'
CP15-250	2½	100	5.0	0.84	130'
CP15-300	3	100	6.3	1.00	130'
CP15-400	4	100	9.8	1.54	130'

\*Other wire variations available upon request.

**CP17 COMPO FUEL DELIVERY HOSE AP**



**Application:**

Extremely flexible, lightweight and easy to handle and bend, FLEXTRAL CP17 is a hose designed for the transfer of fuels, chemicals, or hydrocarbon products, under suction or pressure, where a super-light hose, combined with a real effective abrasion resistant outer cover is required. The FLEXTRAL CP17 type AP, has been specifically designed to transfer the Ethanol based Diesel, Bio Diesel, leaded and unleaded fuels.

FLEXTRAL CP17 is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). This special construction gives extreme protection against the abrasion of the outside wall of the hose, and avoid any possible damage to the body truck's paint.

**Construction:**

FLEXTRAL CP17 is a new revolutionary multi-layer thermoplastic hose. All the different layers of FLEXTRAL CP17 are wrapped together and tensioned between aluminum internal and polypropylene coated aluminum external wire.

**Branding - FLEXTRAL CP17-300 3" COMPO FUEL DELIVERY HOSE 100 PSI MAX WP AP**

**Temperature Range:**

-40°C - +81°C (-40°F to +180°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
CP17-200	2	100	4.0	0.80	130'
CP17-250	2½	100	5.0	0.96	130'
CP17-300	3	100	6.3	1.18	130'
CP17-400	4	100	9.8	1.65	130'

\*Other wire variations available upon request.

## PE60 DIESEL EXHAUST FLUID (DEF)



**Application:**

A light weight hose for dispensing pump applications. Designed specifically for diesel exhaust fluid (DEF), this flexible, ozone and abrasion resistant hose has been tested and certified ISO-22241. PE60 is also resistant to oil, diesel, Ad-Blue, and DEF.

**Construction:**

**Tube** - Special formulated PU

**Reinforcement** - Synthetic yarn

**Cover** - Specially blended TPR

**Branding** - FLEXTRAL PE60-075 3/4" TRU-BLUE DEF HOSE  
210 PSI MAX ISO-22241

**Temperature Range:**

-20°C to +70°C (-4°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
PE60-050	1/2	0.75	210	0.20	200'
PE60-075	3/4	1.03	210	0.24	200'
PE60-100	1	1.38	210	0.42	200'

• Clean Certified DEF Assemblies Available.

## PE70 DIESEL EXHAUST FLUID (DEF)



**Application:**

An extremely flexible hose that is designed for suction service or in tight areas where non supported hose tends to restrict flow or collapses. This product is manufactured with the same liner as our PE60 and is specifically designed to handle DEF, Ad-Blue, oil, and diesel. PE70 has been tested and certified to ISO-22241

**Construction:**

**Tube** - Specially formulated PU

**Reinforcement** -Synthetic yarn with helix wire

**Cover** - Specially blended TPR

**Branding** - FLEXTRAL PE70-075 3/4" TRU-BLUE DEF HOSE  
SUCTION / DISCHARGE 75 PSI MAX ISO-22241

**Temperature Range:**

-20°C to +70°C (-4°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
PE70-075	3/4	1.03	75	1.5	0.26	100'

• Clean Certified DEF Assemblies Available.

## PE75 DIESEL EXHAUST FLUID (DEF)



### Application:

A heavier duty hose for DEF applications. This suction discharge hose is ideal for truck delivery and tank applications. Available in long lengths for reel applications with a low friction cover to reduce drag. PE75 is tested and certified to ISO-22241, and is also resistant to oil, diesel, Ad-Blue, and DEF.

### Construction:

**Tube** - Specially formulated PU

**Reinforcement** - Synthetic yarn with helix

**Cover** - Blue specially blended TPR

**Branding** - FLEXTRAL PE75-100 1" TRU-BLUE DEF HOSE  
SUCTION / DISCHARGE 175 PSI MAX ISO-22241

### Temperature Range:

-25°C to +70°C (-13°F to + 158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Bend Radius Inches	Standard Lengths
PE75-100	1	1.42	175	0.45	3.54	200'
PE75-125	1¼	1.66	175	0.52	4.33	200'
PE75-150	1½	2.01	175	0.77	5.31	200'
PE75-200	2	2.51	175	1.075	6.69	200'

- Clean Certified DEF Assemblies Available.



## DIESEL EXHAUST FLUID (DEF) FITTINGS

All Flextral DEF Fittings are manufactured to Flextral's 3P cleanliness and purity standard.



**Male BSPP Solid Stainless**

Hose x Thread Size	Part No.
3/4" x 3/4"	DEF12-12MBSPP-SS
3/4" x 1"	DEF12-16MBSPP-SS
1" x 1"	DEF16-16MBSPP-SS



**Male BSPP Swivel Stainless**

Hose x Thread Size	Part No.
3/4" x 3/4"	DEF12-12MBSPPX-SS
3/4" x 1"	DEF12-16MBSPPX-SS
1" x 1"	DEF16-16MBSPPX-SS



**Male NPT Solid Stainless**

Hose x Thread Size	Part No.
1/2" x 1/2"	DEF08-08MP-SS
3/4" x 3/4"	DEF12-12MP-SS
1" x 1"	DEF16-16MP-SS
1 1/4" x 1 1/4"	DEF20-20MP-SS
1 1/2" x 1 1/2"	DEF24-24MP-SS
2" x 2"	DEF32-32MP-SS



**Male NPT Swivel Stainless**

Hose x Thread Size	Part No.
3/4" x 3/4"	DEF12-12MPX-SS
3/4" x 1"	DEF12-16MPX-SS
1" x 1"	DEF16-16MPX-SS



**Female BSPP Solid Stainless**

Hose x Thread Size	Part No.
3/4" x 1"	DEF12-16FBSPP-SS



**Female BSPP Swivel Stainless**

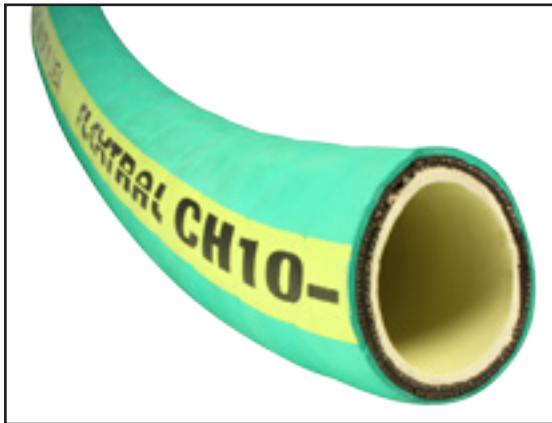
Hose x Thread Size	Part No.
3/4" x 3/4"	DEF12-12FBSPPX-SS
3/4" x 1"	DEF12-16FBSPPX-SS
1" x 1"	DEF16-16FBSPPX-SS



**Male NPT Polypropylene**

Hose x Thread Size	Part No.
1/2" x 1/2"	DEF08-08MP-PP
1/2" x 3/4"	DEF08-12MP-PP
3/4" x 3/4"	DEF12-12MP-PP
1" x 1"	DEF16-16MP-PP
1 1/4" x 1 1/4"	DEF20-20MP-PP
1 1/2" x 1 1/2"	DEF24-24MP-PP
2" x 2"	DEF32-32MP-PP

## CH10 HIGH-CHEM



**Application:**

Recommended for tank truck, barge, ship, chemical processing, in plant, blenders, and tank storage. Transfer for a variety of chemical products. Flexible with an extra tough cover to survive the most extreme applications.

**Construction:**

**Tube** - UHMWPE backed with a layer of rubber

**Reinforcement** - Synthetic yarn with a double wire helix

**Cover** - Green EPDM

**Branding** - FLEXTRAL CH10-200 2" UHMW HIGH-CHEM 250 PSI MAX MADE IN USA.

**Temperature Range:**

-40°C to +80°C (-40°F to +180°F)

Max. temperature limit of 180°F for most chemicals

Part Number	ID inches	OD inches	Max W.P. PSI	Weight lb/ft	Standard Lengths
CH10-100	1	1.47	250	0.53	100'
CH10-125	1¼	1.78	250	0.75	100'
CH10-150	1½	2.08	250	0.96	100'
CH10-200	2	2.58	250	1.30	100'
CH10-250	2½	3.13	200	1.77	100'
CH10-300	3	3.66	200	2.09	100'
CH10-400	4	4.70	150	2.92	100'

## CH10 HIGH-CHEM ASSEMBLIES



Part No.	Hose Size	Fitting A**	Fitting B**	Length (ft)	Attaching Method
CH10-100SSCEX20	1	C	E	20	Crimp
CH10-125SSCEX20	1¼	C	E	20	Crimp
CH10-150SSCEX20	1½	C	E	20	Crimp
CH10-200SSCEX20	2	C	E	20	Crimp
CH10-250SSCEX20	2½	C	E	20	Crimp
CH10-300SSCEX20	3	C	E	20	Crimp
CH10-400SSCEX20	4	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

\*\*Stainless Steel Camlock

## CH12 HIGH-CHEM CORRUGATED



### Application:

An extremely flexible suction and discharge hose designed to handle commonly used acids, chemical, and solvents as well as food, pharmaceutical, and sanitary materials. This hose incorporates a dual wire helix that provides full suction capability, superior kink resistance, minimal force-to bend and a path to conduct a static electrical charge to ground.

### Construction:

**Tube** - UHMWPE backed with a layer of rubber  
**Reinforcement** - Multiple textile plies with dual wire helix  
**Cover** - Green EPDM; corrugated wrapped finish  
**Branding** - CH12-100 1" HIGH-CHEM CORRUGATED  
 250 PSI MAX WP

### Temperature Range:

-40°C to +121°C (-40°F to +250°F)

Part Number	ID inches	OD inches	Max W.P. PSI	Weight lb/ft	Standard Lengths
CH12-100	1	1.38	250	0.17	100'
CH12-125	1¼	1.63	250	0.22	100'
CH12-150	1½	1.88	250	0.28	100'
CH12-200	2	2.44	250	0.42	100'
CH12-300	3	3.44	200	0.66	100'
CH12-400	4	4.50	200	0.98	100'

## CH12 HIGH-CHEM CORRUGATED ASSEMBLIES



Part No.	Hose Size	Fitting A**	Fitting B**	Length (ft)	Attaching Method
CH12-100SSCEX20	1	C	E	20	Crimp
CH12-125SSCEX20	1¼	C	E	20	Crimp
CH12-150SSCEX20	1½	C	E	20	Crimp
CH12-200SSCEX20	2	C	E	20	Crimp
CH12-300SSCEX20	3	C	E	20	Crimp
CH12-400SSCEX20	4	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

\*\*Stainless Steel Camlock

## CH14 CHEM-TRAL CRUSH RESISTANT



**Application:**

An extremely flexible suction and discharge hose designed to handle many commonly used acids, chemicals, and solvents. This hose incorporates a dual monofilament helix that provides full suction capability with superior crush and kink resistance, allowing the hose to return to its original shape.

**Construction:**

**Tube** - Tan modified cross-linked polyethylene (MXLPE)

**Reinforcement** - Multiple textile plies with dual monofilament helix and dual static wires

**Cover** - Black EPDM; corrugated wrapped finish

**Branding** - FLEXTRAL CH14-075 3/4" CHEM-TRAL CRUSH RESISTANT 200 PSI MAX

**Temperature Range:**

-40°C to +121°C (-40°F to +250°F)

Part Number	ID inches	OD inches	Max W.P. PSI	Weight lb/ft	Standard Lengths
CH14-075	¾	1.34	200	0.46	100'
CH14-100	1	1.56	200	0.57	100'
CH14-150	1½	2.09	200	0.79	100'
CH14-200	2	2.75	200	1.16	100'
CH14-300	3	3.78	200	1.89	100'
CH14-400	4	4.78	200	2.46	100'

## CH14 CHEM-TRAL CRUSH RESISTANT ASSEMBLIES



Part No.	Hose Size	Fitting A**	Fitting B**	Length (ft)	Attaching Method
CH14-075SSCEX20	¾	C	E	20	Crimp
CH14-100SSCEX20	1	C	E	20	Crimp
CH14-150SSCEX20	1½	C	E	20	Crimp
CH14-200SSCEX20	2	C	E	20	Crimp
CH14-300SSCEX20	3	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

\*\*Stainless Steel Camlock

## CH15 CHEM-TRAL



**Application:**

Recommended for tank truck, barge, ship, chemical processing, plant, blenders, and tank storage. Transfer for a variety of chemical products. Flexible with an extra tough cover to survive the most extreme applications. Hose may be cleaned by using open-end steam up to 50 psi or in bath containing 10% sodium hydroxide (NaOH), up to 212°F (100°C).

**Construction:**

**Tube** - Modified cross-linked polyethylene (MXLPE)

**Reinforcement** - Synthetic yarn with a double wire helix

**Cover** - Black corrugated EPDM

**Branding** - CH15-150 1 1/2" MODIFIED XLPE CHEM-TRAL 250 PSI MAX WP

**Temperature Range:**

-40°C to +121°C (-40°F to +250°F)

Part Number	ID inches	OD inches	Max W.P. PSI	Weight lb/ft	Standard Lengths
CH15-100	1	1.50	250	0.22	100'
CH15-125	1¼	1.77	250	0.60	100'
CH15-150	1½	2.03	250	0.32	100'
CH15-200	2	2.56	250	0.48	100'
CH15-250	2½	3.02	200	0.67	100'
CH15-300	3	3.63	200	0.88	100'
CH15-400	4	4.63	175	1.21	100'
CH14-600	6	6.75	175	1.91	100"

## CH15 CHEM-TRAL ASSEMBLIES



Part No.	Hose Size	Fitting A**	Fitting B**	Length (ft)	Attaching Method
CH15-100SSCEX20	1	C	E	20	Crimp
CH15-125SSCEX20	1½	C	E	20	Crimp
CH15-150SSCEX20	1½	C	E	20	Crimp
CH15-200SSCEX20	2	C	E	20	Crimp
CH15-250SSCEX20	2½	C	E	20	Crimp
CH15-300SSCEX20	3	C	E	20	Crimp
CH15-400SSCEX20	4	C	E	20	Crimp
CH15-600SSCEX20	6	C	E	20	Crimp

\*Call for other lengths and fitting combinations.

\*\*Stainless Steel Camlock

CH30 WEED SPRAY



**Application:**

PVC spray hose used for agricultural spraying, pest spraying, nursery spraying and wash-down applications. Ribbed PVC cover minimizes drag resistance. Long standard one piece lengths are available for use on reels. Chemical resistant PVC is suitable for spraying of “wetable” powder type chemicals.

**Construction:**

**Tube** - Yellow PVC

**Reinforcement** - High tensile strength yard, braided

**Cover** - Yellow ribbed PVC

**Branding** - FLEXTRAL CH30-075 AG SPRAY HOSE 3/4”  
800 PSI MAX WP

**Temperature Range:**

(-5°C to +65°C) -25°F to +150°F

Part Number	ID inches	OD inches	Max W.P. PSI	Weight lb/ft	Standard Lengths
CH30-038	3/8	0.65	800	0.11	300'/400'
CH30-050	1/2	0.81	800	0.16	300'/400'
CH30-075	3/4	1.14	800	0.29	300'
CH30-100	1	1.43	800	0.43	150'

## CP20 COMPO CHEM HOSE PG



**Application:**

Extremely flexible, easy to handle. FLEXTRAL CP20 is a general purpose hose for the transfer of a wide variety of chemicals under suction or pressure. It is used in such applications as transfer for rail and road tanker loading and unloading, storage tank and in-plant applications. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge.

FLEXTRAL CP20 is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). Meets USCG requirements.

**Construction:**

FLEXTRAL CP20 is a multi-layer thermoplastic hose manufactured from Polypropylene, Polyethylene, Polyester films, Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover made of Polymeric coated Polyester fabric. All the different layers are wrapped together and tensioned between polypropylene coated galvanized internal and galvanized external wire. This enables our product to meet the requirements of the chemical industry and those of the chemical tank truck industry.

**Branding -** FLEXTRAL CP20-300 3" CHEM HOSE 200 PSI MAX WP PG

**Temperature Range:**

-40°C to +81°C (-40°F to +180°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
CP20-075	¾	200	2	0.43	130'
CP20-100	1	200	2	0.52	130'
CP20-125	1¼	200	3	0.59	130'
CP20-150	1½	200	4	0.68	130'
CP20-200	2	200	6	1.02	130'
CP20-250	2½	200	8	1.24	130'
CP20-300	3	200	10	1.44	130'
CP20-400	4	200	12	2.37	130'

\*Other wire variations available upon request.

\*\*See pages 106-109 for fittings and accessories that are readily available.



**CP22 HD MARINE COMPO CHEM HOSE PG**



**Application:**

FLEXTRAL CP22 HD MARINE is an heavy duty hose for the transfer of a wide variety of chemicals under suction or pressure. FLEXTRAL CP22 hoses are used for ship to shore and ship to ship, dockside and general shipboard use. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge.

FLEXTRAL CP22 HD MARINE hose is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). DNV and Rina approved. Meets USCG requirements.

**Construction:**

FLEXTRAL CP22 HD MARINE hose is a multi-layer thermoplastic hose manufactured with extra Polypropylene, Polyethylene, Polyester films and Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover made of Polymeric coated Polyester fabric. All the different layers are wrapped together and tensioned between polypropylene coated galvanized internal and galvanized external wire spirals of bigger diameter and higher density. This enables our product to maintain extreme flexibility with tremendous strength and durability.

**Branding - FLEXTRAL CP22-1200 12" HD COMPO CARGO & OIL HOSE 200 PSI MAX WP PG**

**Temperature Range:**

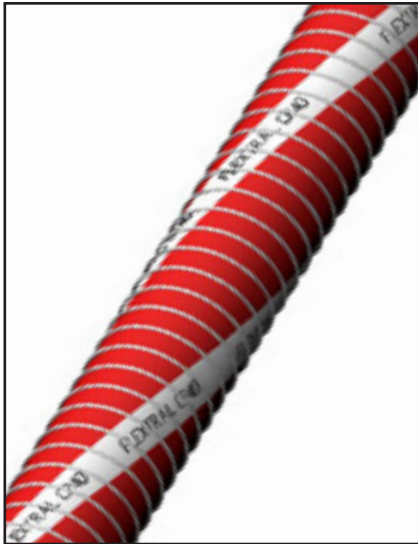
-40°C to +100°C (-40°F to +212°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
CP22-600	6	200	23	6.46	130'
CP22-800	8	200	32	8.93	130'
CP22-1000	10	200	40	14.31	80'
CP22-1200	12	200	48	21.28	80'

\*Other wire variations available upon request.

\*\*See pages 106-109 for fittings and accessories that are readily available.

## CP40 COMPO PTFE CHEM HOSE SS



### Application:

Specifically designed as an universal hose for the transfer of a wide variety of aggressive chemicals under suction or pressure, CP40 PTFE hoses are used in such applications as transfer for rail and road tanker, loading and unloading; storage tank and in-plant use. This universal hose can help eliminate the costly redundancy of inventory to maintain the various hose constructions usually required. Extremely flexible, easy to handle. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge.

FLEXTAL CP40 PTFE hose is manufactured according to the requirement specified by the European Standards EN 13765:2010 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005). Meets USCG requirements.

### Construction:

FLEXTAL CP40 PTFE is a multi-layer thermoplastic hose designed around several PTFE (Polytetrafluoroethylene) liners, supported by a 316 Stainless Steel inner wire, with a weather-proof and abrasion resistant outer cover made of Polymeric coated Polyester fabric. FLEXTAL CP40 PTFE includes in the construction an FEP tubular extruded film to avoid any possible leak and guarantee a gas-tight construction. All the different layers are wrapped together and tensioned between stainless steel internal and 316 stainless steel external wire.

**Branding** - FLEXTAL CP40-300 3" COMPO PTFE CHEM HOSE 200 PSI MAX WP SS

### Temperature Range:

-40°C to +120°C (-40°F to +248°F)

Part No.	I.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Stand. Lengths
CP40-075	¾	200	2.0	0.53	130'
CP40-100	1	200	2.0	0.66	130'
CP40-125	1¼	200	3.0	0.74	130'
CP40-150	1½	200	4.0	0.86	130'
CP40-200	2	200	6.0	1.15	130'
CP40-250	2½	200	8.0	1.46	130'
CP40-300	3	200	10.0	1.72	130'
CP40-400	4	200	12.0	2.82	130'

\*Other wire variations available upon request.

\*\*See pages 106-109 for fittings and accessories that are readily available.

## MH10 BLACK FLEX-BLAST



**Application:**

Highly abrasion resistant. For conducting sand, steel shot, and other abrasives for blast cleaning.

**Construction:**

**Tube** - Black, highly abrasion resistant, static-conductive natural rubber

**Reinforcement** - Synthetic yarn

**Cover** - Black static conductive synthetic rubber

**Branding** - FLEXTRAL MH10-100 1" FLEX-BLAST 150 PSI MAX WP

**Temperature Range:**

-32°C to +82°C (-25°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Stand. Lengths
MH10-050	½	1.08	150	0.30	50'
MH10-075	¾	1.50	150	0.68	50'
MH10-100	1	1.88	150	1.05	50'/100'
MH10-125	1¼	2.16	150	1.26	50'/100'
MH10-150	1½	2.38	150	1.42	50'/100'
MH10-200	2	2.88	150	1.72	50'/100'
MH10-125W	1¼	1.88	150	0.90	50'

## MH10 BLACK FLEX-BLAST ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
MH10-075QCQC50	¾	QC	QC	50	Screws
MH10-100QCQC50	1	QC	QC	50	Screws
MH10-125QCQC50	1¼	QC	QC	50	Screws
MH10-150QCQC50	1½	QC	QC	50	Screws
MH10-200QCQC50	2	QC	QC	50	Screws
MH10-075QCNH50	¾	QC	NH	50	Screws
MH10-100QCNH50	1	QC	NH	50	Screws
MH10-125QCNH50	1¼	QC	NH	50	Screws
MH10-150QCNH50	1½	QC	NH	50	Screws
MH10-200QCNH50	2	QC	NH	50	Screws

\*Aluminum fittings standard. Call for other material options.

## MH15 HD GREEN FLEX-BLAST



**Application:**

For conducting sand, steel shot, and other abrasives for blast cleaning.

**Construction:**

**Tube** - Black, highly abrasion resistant, static-conductive natural rubber

**Reinforcement** - Synthetic yarn

**Cover** - Green static conductive synthetic rubber

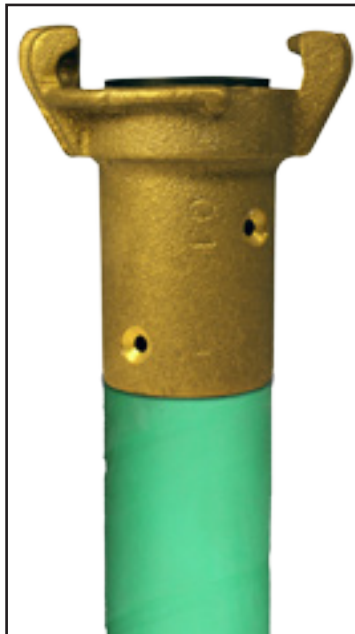
**Branding** - FLEXTRAL MH15-100 1" FLEX-BLAST 150 PSI MAX WP

**Temperature Range:**

-32°C to +82°C (-25°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
MH15-050	½	1.14	150	0.41	50'
MH15-075	¾	1.50	150	0.68	50'
MH15-100	<b>1</b>	1.88	150	1.05	50'
MH15-125	<b>1¼</b>	2.16	150	1.26	50'
MH15-150	<b>1½</b>	2.38	150	1.42	50'
MH15-200	<b>2</b>	2.88	150	1.72	50'

## MH15 HD GREEN FLEX-BLAST ASSEMBLIES



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
MH15-075QCQC50	¾	QC	QC	50	Screws
MH15-100QCQC50	<b>1</b>	QC	QC	50	Screws
MH15-125QCQC50	<b>1¼</b>	QC	QC	50	Screws
MH15-150QCQC50	<b>1½</b>	QC	QC	50	Screws
MH15-200QCQC50	<b>2</b>	QC	QC	50	Screws
MH15-075QCNH50	¾	QC	NH	50	Screws
MH15-100QCNH50	<b>1</b>	QC	NH	50	Screws
MH15-125QCNH50	<b>1¼</b>	QC	NH	50	Screws
MH15-150QCNH50	<b>1½</b>	QC	NH	50	Screws
MH15-200QCNH50	<b>2</b>	QC	NH	50	Screws

\*Aluminum fittings standard. Call for other material options.

## MH20 FLEX-CORD FABRIC CONCRETE PLACEMENT



**Application:**

General applications are concrete placement, wet gunning, plastics, shot crete, and grout hose at high pressure.

**Construction:**

**Tube** - Black abrasion resistant synthetic rubber for maximum resistance

**Reinforcement** - Synthetic yarn

**Cover** - Black wrapped finish, with a white stripe

**Branding** - FLEXTRAL MH20-200 2" FLEX-CORD 1200 PSI MAX WP

**Temperature Range:**

-32°C to +82°C (-25°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight (lbs./ft.)	Standard Lengths
MH20-150	1½	2.31	1200	1.14	100'
MH20-200	2	2.83	1200	1.46	100'
MH20-250	2½	3.40	1200	1.96	100'
MH20-300	3	3.92	1200	2.39	100'
MH20-400	4	4.96	1200	2.71	100'
MH20-500	5	6.06	1200	3.10	100'

## MH20 FLEX-CORD FABRIC PLACEMENT ASSEMBLIES

**RAISED END**



**GROOVED**



**148mm EUROPEAN METRIC**



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
MH20-150MM50	1½	NPT	NPT	50	Crimp
MH20-150GG50	1½	Groove	Groove	50	Crimp
MH20-200MM50	2	NPT	NPT	50	Crimp
MH20-200RR50	2	Raised	Raised	50	Crimp
MH20-200GG50	2	Groove	Groove	50	Crimp
MH20-300RR25	3	Raised	Raised	25	Crimp
MH20-300GG25	3	Groove	Groove	25	Crimp
MH20-400RR10	4	Raised	Raised	10	Crimp
MH20-400GG10	4	Groove	Groove	10	Crimp
MH20-400RR12	4	Raised	Raised	12	Crimp
MH20-400GG12	4	Groove	Groove	12	Crimp
MH20-500RR10	5	Raised	Raised	10	Crimp
MH20-500EE10	5	Metric	Metric	10	Crimp
MH20-500ER10	5	Metric	Raised	10	Crimp
MH20-500RR12	5	Raised	Raised	12	Crimp
MH20-500EE12	5	Metric	Metric	12	Crimp
MH20-500ER12	5	Metric	Raised	12	Crimp

\*Call for other lengths and fitting combinations.

## MH22 FLEX-CRETE WIRE



### Application:

For handling wet concrete with high head pressures at the critical flex areas of a concrete boom truck and as a discharge hose on the delivery end of high-pressure concrete pumps.

### Construction:

**Tube** - Black abrasion resistant synthetic rubber

**Reinforcement** - High tensile steel wire

**Cover** - Black wrapped finish with white stripe

**Branding** - FLEXTRAL MH22-200 2" FLEX-CRETE 1200 PSI MAX WP

### Temperature Range:

-40°C to +70°C (-40°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
MH22-200	2	2.75	1200	20.0	2.30	100'
MH22-250	2½	3.47	1200	25.0	3.34	100'
MH22-300	3	4.02	1200	30.0	4.42	100'
MH22-400	4	5.12	1200	40.0	6.30	100'
MH22-500	5	6.10	1200	50.0	7.36	100
MH22-600	6	7.24	1200	60.0	9.07	100

## MH22 FLEX-CRETE WIRE ASSEMBLIES

### RAISED END



148mm  
EUROPEAN  
METRIC



### GROOVED



Part No.	Hose Size	Fitting A	Fitting B	Length (ft)	Attaching Method
MH22-200MM50	2	NPT	NPT	50	Crimp
MH22-200RR50	2	Raised	Raised	50	Crimp
MH22-200GG50	2	Groove	Groove	50	Crimp
MH22-300RR25	3	Raised	Raised	25	Crimp
MH22-300GG25	3	Groove	Groove	25	Crimp
MH22-400RR10	4	Raised	Raised	10	Crimp
MH22-400GG10	4	Groove	Groove	10	Crimp
MH22-400RR12	4	Raised	Raised	12	Crimp
MH22-400GG12	4	Groove	Groove	12	Crimp
MH22-500RR10	5	Raised	Raised	10	Crimp
MH22-500EE10	5	Metric	Metric	10	Crimp
MH22-500ER10	5	Metric	Raised	10	Crimp
MH22-500RR12	5	Raised	Raised	12	Crimp
MH22-500EE12	5	Metric	Metric	12	Crimp
MH22-500ER12	5	Metric	Raised	12	Crimp

\*Call for other lengths and fitting combinations.



## MH28 HARD WALL MATERIAL HOSE



**Application:**

Durable all-weather material suction and discharge hose. Designed to handle highly abrasive materials such as sand, pebble lime, grains, dry cement and others. This hose is rated for full vacuum.

**Construction:**

**Tube** - 1/4" Natural rubber tube

**Reinforcement** - Textile with dual wire helix

**Cover** - Black, synthetic rubber

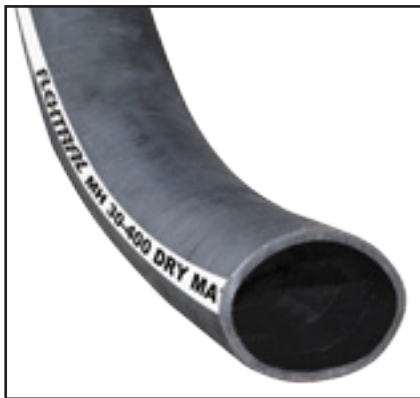
**Branding** - FLEXTRAL MH28-300 3" S/D HARDWALL ABRASIVE MATERIAL HANDLING HOSE

**Temperature Range:**

-40°C to +65°C (-40°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths	Vacuum
MH28-300	3	3.94	125	12.0	2.69	100'	Full
MH28-400	4	5.00	125	18.0	3.94	100'	Full
MH28-500	5	6.00	110	25.0	5.25	100'	Full
MH28-600	6	7.06	110	30.0	7.09	100'	Full

## MH30 PREMIUM SOFT WALL DRY MATERIAL HOSE



**Application:**

Discharge hose used for dry bulk commodities. Including limestone, ground silica, chalk, frac sand, china clay, dry cement and fertilizers.

**Construction:**

**Tube** - Synthetic abrasion resistant rubber

**Reinforcement** - Synthetic yarn

**Cover** - Black, synthetic rubber

**Branding** - FLEXTRAL MH30-400C 4" DRY MATERIAL DISCHARGE 1/4" TUBE 60 PSI MAX WP

**Temperature Range:**

-30°C to +65°C (-22°F to +150°F)

Tube Thickness Gauge	
A = 1/8	E = 3/8
B = 3/16	F = 7/16
C = 1/4	G = 1/2
D = 5/16	

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Tube Gauge	Weight (lbs./ft.)	Standard Lengths
MH30-400A	4	4.49	100	1/8	1.53	100'
MH30-400B	4	4.61	100	3/16	1.90	100'
MH30-400C	4	4.72	100	1/4	2.28	100'
MH30-450A	4½	5.00	90	1/8	1.68	100'
MH30-500A	5	5.47	75	1/8	1.86	100'
MH30-500C	5	5.63	75	1/4	2.50	100'



## MH35 HOT AIR BLOWER



**Application:**

For conveying hot air to tanks on dry bulk material systems.  
Rated for full vacuum.

**Construction:**

**Tube** - Heat resistant synthetic rubber tube; tube resists heat created by blowers

**Reinforcement** - A high tensile wire helix, between synthetic yarn reinforcement

**Cover** - Black, heat, weather and ozone resistant cover

**Branding** - FLEXTRAL MH35-300 3" HOT AIR BLOWER HOSE 125 PSI MAX WP

**Temperature Range:**

-35°C to +180°C (-31°F to +356°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
MH35-200	2	2.56	150	8.0	1.80	100'
MH35-300	3	3.54	150	12.0	2.62	100'
MH35-400	4	4.65	150	16.1	3.99	100'

## MH50 CORRUGATED MATERIAL CONDUCTING



**Application:**

Designed for abrasive suction and discharge service. Utilizes bolt on split flanged couplings, which can be installed without special tools, allows hose to be purchased in long lengths and cut as required. The reusable coupling allows full flow of material and permits the hose to be easily rotated for even wear.

**Construction:**

**Tube** - Highly abrasion resistant pure gum

**Reinforcement** - Synthetic yarn reinforcement and double wire helix

**Cover** - Black abrasion resistant synthetic rubber corrugated to help flexibility and match internal corrugations of external split flange coupling

**Branding** - Unbranded

**Temperature Range:**

-40°C to +71°C (-40°F to +160°F)

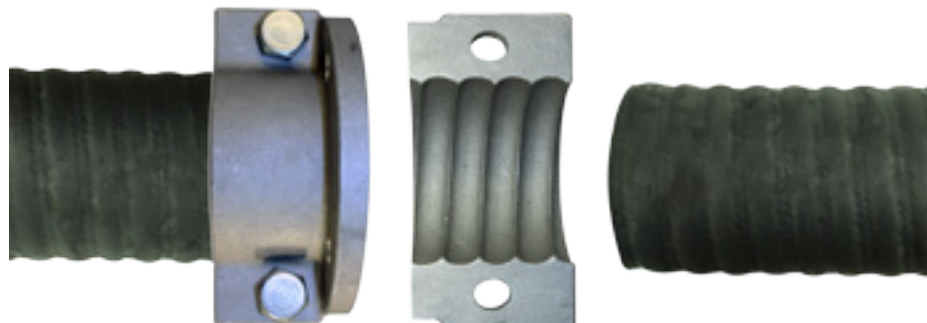
Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
MH50-200	2	3.00	150	12.0	2.57	100'
MH50-300	3	4.50	150	14.0	4.63	100'
MH50-400	4	5.30	150	18.0	5.67	100'
MH50-600	6	7.50	150	28.0	9.48	100'
MH50-800	8	9.50	100	48.0	14.20	60'
MH50-1000	10	11.50	100	60.0	16.63	40'
MH50-1200	12	13.75	100	90.0	23.40	20'

## SPLIT FLANGE GASKET



Part No.	Hose Size
SFG-200	2
SFG-300	3
SFG-400	4
SFG-600	6
SFG-800	8
SFG-1000	10
SFG-1200	12

## ALUMINUM 150# SPLIT FLANGE



Part No.	Hose Size
SFA-200	2
SFA-300	3
SFA-400	4
SFA-600	6
SFA-800	8
SFA-1000	10
SFA-1200	12

## MH60 INDUSTRIAL VACUUM



**Application:**

Heavy duty abrasion resistant suction hose for vacuum trucks or handling abrasives such as crushed rock, sand, pea gravel, cement powder, dry fertilizer, iron ore and grains.

**Construction:**

**Tube** - Thermoplastic alloyed blend of SBR  
**Reinforcement** - Rigid high-density PVC helix  
**Cover** - Thermoplastic alloyed blend of SBR

**Temperature Range:**

-40°C to +70°C (-40°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Radius ins.@70°F	Vacuum Hg.@70°F	Weight (lbs./ft.)	Standard Lengths
MH60-125	1¼	1.63	45	3.0	29.0	0.34	100'
MH60-150	1½	1.89	40	3.0	29.0	0.40	100'
MH60-200	2	2.47	40	6.0	29.0	0.67	100'
MH60-250	2½	3.05	35	6.0	29.0	0.87	100'
MH60-300	3	3.69	30	8.0	29.0	1.16	100'
MH60-400	4	4.81	30	11.0	29.0	2.16	100'
MH60-500	5	5.78	30	10.0	29.0	2.60	100'
MH60-600	6	7.08	25	20.0	29.0	3.43	100'
MH60-800	8	9.22	20	30.0	29.0	5.84	50'
MH60-1000	10	11.21	20	45.0	29.0	7.96	20'
MH60-1200	12	13.31	25	40.0	25.0	10.43	20'

## MH65 REVERSE CIRCULATION (RVC)



**Application:**

For use on reverse circulation drilling rigs

**Construction:**

**Tube** - Black smooth synthetic rubber compound, designed to resist highly abrasive drilling material and fluids

**Reinforcement** - High strength Rayon cord plies

**Cover** - SBR rubber

**Branding** - FLEXTRAL MH65-300 3" REVERSE CIRCULATION 600 PSI MAX WP

**Temperature Range:**

-30°C to +82°C (-22°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
MH65-300	3	4.17	600	15.0	3.40	100'
MH65-400	4	5.35	600	20.0	5.20	100'
MH65-600	6	7.91	600	30.0	10.66	100'

## MH70 BULK-FLEX DRY MATERIAL SUCTION HOSE



**Application:**

For suction, discharge or gravity flow of abrasives from manufacturing, sandblast recovery, mineral processing power plants and spill recovery.

**Construction:**

**Tube** - Tan smooth abrasion resistant natural elastomer

**Reinforcement** - High tensile textile cord and steel wire helix, crossing anti-static wires

**Cover** - Black, flat-corrugated, specially formulated synthetic rubber, antistatic, abrasion, weather and ozone resistant

**Branding** - MH70-400 4" BULK-FLEX DRY MATERIAL SUCTION 75 PSI MAX WP

**Temperature Range:**

-30°C to +85°C (-22°F to +185°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Bend Radius Inches	Weight (lbs./ft.)	Standard Lengths
MH70-150	1½	2.28	75	4.0	1.11	100'
MH70-200	2	2.83	75	12.0	1.30	100'
MH70-250	2½	3.31	75	17.0	1.65	100'
MH70-300	3	3.86	75	18.0	2.25	100'
MH70-400	4	4.92	75	24.0	2.93	100'
MH70-600	6	6.89	75	40.0	5.00	100'
MH70-800	8	9.01	75	32.0	10.05	100'

## DR11 FRAC HOSE WITH PRO SHIELD



**Application:**

Oil/gas fracturing hose, for delivery of drilling water, mud, oil slurry mixtures and crude oil.

**Construction:**

**Tube** - Black smooth NITRILE rubber compound

**Reinforcement** - High strength RAYON cord plies

**Cover** - Black smooth, specially formulated synthetic rubber, to be used where a (HARC) Highly Abrasion Resistant Cover is required.

**Branding** - FLEXTRAL DR11-400 4" OILFIELD FRACTURING HOSE PRO SHIELD 400 PSI MAX WP

**Temperature Range:**

-40°C to +70°C (-40°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Weight (lbs./ft.)	Standard Lengths
DR11-300	3	3.62	400	2.40	400'
DR11-400	4	4.80	400	3.10	400'



## DR12 FRAC HOSE WITH PRO SHIELD II



**Application:**

Oil/gas fracturing hose, for delivery of drilling water, mud, oil slurry mixtures and crude oil.

**Construction:**

**Tube** - Black smooth NITRILE rubber compound

**Reinforcement** - High strength RAYON cord plies

**Cover** - Black ultra smooth, polyethylene, high abrasion resistant rubber cover(HARC) that provides excellent weather and ozone protection for maximum abrasion resistance.

**Branding** - FLEXTRAL DR12-400 4" OILFIELD FRACTURING HOSE PRO SHIELD II 400 PSI MAX WP

**Temperature Range:**

-32°C to +70°C (-25°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Weight (lbs./ft.)	Standard Lengths
DR12-300	3	3.58	400	2.40	400'
DR12-400	4	4.83	400	3.10	400'

## DR13 FRAC HOSE WITH PRO SHIELD



**Application:**

Material handling hose for delivery of dry and wet abrasion material, water with sand, drilling fluids and mud with no aromatic content.

**Construction:**

**Tube** - Black smooth SBR/NR rubber compound

**Reinforcement** - High strength RAYON cord plies

**Cover** - Black, smooth synthetic High Abrasion Resistant rubber compounded to withstand oil traces, weather, and ozone.

**Branding** - FLEXTRAL DR13-400 4" OILFIELD FRACTURING HOSE PRO SHIELD COVER 400 PSI MAX WP

**Temperature Range:**

-40°C to +70°C (-40°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Weight (lbs./ft.)	Standard Lengths
DR13-400	4	4.65	400	2.15	400'

## DR14 FRAC HOSE WITH PRO SHIELD II



**Application:**

Material handling hose for delivery of dry and wet abrasion material, water with sand, drilling fluids and mud with no aromatic content.

**Construction:**

**Tube** - Black smooth SBR/NR rubber compound

**Reinforcement** - High strength RAYON cord plies

**Cover** - Black, ultra smooth, polyethylene, high abrasion resistant rubber cover(HARC) that provides excellent weather and ozone protection for maximum abrasion resistance

**Branding** - FLEXTRAL DR14-400 4" OILFIELD FRACTURING HOSE PRO SHIELD II 400 PSI MAX WP

**Temperature Range:**

-32°C to +70°C (-25°F to +158°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P.	Weight (lbs./ft.)	Standard Lengths
DR14-400	4	4.65	400	2.15	400'

## DR30 FRAC TANK HOSE



**Application:**

Connection of frac tank manifolds and systems used for the delivery and recovery of drilling water, frac solutions, and water based slurries where extreme flexibility and low force to bend is required.

**Construction:**

**Tube** - Black, smooth synthetic rubber compound

**Reinforcement** - High strength RAYON cord plies & embedded helix wire

**Cover** - Black corrugated, high grade synthetic rubber compounded for excellent resistance to weather and ozone

**Branding** - FLEXTRAL DR30-800 8" FRAC TANK SERVICE

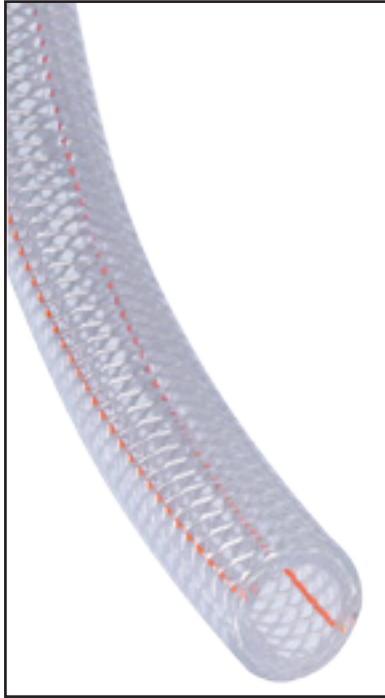
**Temperature Range:**

-32°C to +70°C (-25°F to +158°F)

Part No.	I.D. Inches	Max W.P.	Weight (lbs./ft.)	Standard Lengths
DR30-800	8	50	5.98	100'
DR30-800-40SC	8	50	5.98	40'
DR30-800-48SC	8	50	5.98	48'
DR30-800-60SC	8	50	5.98	60'



## AR41 FOOD GRADE PVC CLEARBRAID



**Application:**

A lightweight standard wall crystal clear yarn reinforced hose suitable for a wide variety of food and beverage applications.

**Construction:**

Crystal clear PVC compound, formulated with ingredients in compliance with applicable FDA requirements, meets USDA, 3A, NSF, UL, RoHS, and USP Class VI criteria

**Reinforcement** - Spiraled polyester yarn

**Temperature Range:**

-4°C to +65°C (+25°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
AR41-019	3/16	0.38	250	0.04	300'
AR41-025	1/4	0.44	250	0.06	300'
AR41-031	5/16	0.53	250	0.08	300'
AR41-038	3/8	0.59	225	0.09	300'
AR41-050	1/2	0.75	200	0.13	300'
AR41-063	5/8	0.89	200	0.18	200'
AR41-075	3/4	1.03	150	0.22	200'
AR41-100	<b>1</b>	1.30	125	0.30	200'
AR41-125	<b>1 1/4</b>	1.62	100	0.45	100'
AR41-150	<b>1 1/2</b>	1.94	100	0.64	100'
AR41-200	<b>2</b>	2.49	75	0.94	100'



## AR44 CLEAR FOOD GRADE PVC



**Application:**

Utility grade non-toxic clear food grade PVC tubing for general use applications.

**Construction:**

Clear PVC compound formulated with ingredients in compliance with applicable FDA and RoHS requirements

**Temperature Range:**

-4°C to +65°C (+25°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
AR44-013-025	1/8	0.25	65	0.020	100'
AR44-019-031	3/16	0.31	55	0.027	100'
AR44-025-038	1/4	0.38	55	0.034	100'
AR44-025-050	1/4	0.50	60	0.080	100'
AR44-031-044	5/16	0.44	50	0.040	100'
AR44-038-050	3/8	0.50	45	0.047	100'
AR44-038-056	3/8	0.56	50	0.075	100'
AR44-038-063	3/8	0.63	55	0.107	100'
AR44-050-063	1/2	0.63	30	0.060	100'
AR44-050-075	1/2	0.75	45	0.134	100'
AR44-063-081	5/8	0.81	35	0.116	100'
AR44-063-088	5/8	0.88	40	0.161	100'
AR44-075-100	3/4	1.00	35	0.188	100'
AR44-088-113	7/8	1.13	30	0.214	100'
AR44-100-125	1	1.25	25	0.241	100'
AR44-125-150	1 1/4	1.50	20	0.296	50'
AR44-150-188	1 1/2	1.88	30	0.542	50'
AR44-150-200	1 1/2	2.00	35	0.750	50'
AR44-200-250	2	2.50	35	0.964	50'

## AR45 FOOD GRADE PVC



**Application:**

Standard wall food and beverage grade vacuum/transfer hose with rated working pressures.

**Construction:**

Crystal clear PVC compound, formulated with ingredients in compliance with applicable FDA requirements, meets USDA

**Tube & Cover** - Clear smooth PVC. NSF-51 & NSF-61 certified material

**Reinforcement** - High tensile helix

**Temperature Range:**

-4°C to +65°C (+25°F to +150°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI@70°F	Weight (lbs./ft.)	Standard Lengths
AR45-025	¼	0.46	150	0.07	100'
AR45-038	⅜	0.60	100	0.11	100'
AR45-050	½	0.75	100	0.15	100'
AR45-063	⅝	0.89	100	0.19	100'
AR45-075	¾	1.03	70	0.24	100'
AR45-100	1	1.30	70	0.33	100'
AR45-125	1¼	1.61	70	0.50	50'
AR45-150	1½	1.86	50	0.58	50'
AR45-200	2	2.39	50	0.84	50'
AR45-225	2¼	2.75	50	1.16	50'
AR45-250	2½	3.00	50	1.38	50'
AR45-300	3	3.50	50	1.62	50'

**ST10 CHLOROBUTYL**



**Application:**

Series ST10 is a compact, slim profile hose designed for long-lasting steam service—one of the toughest applications for hose, where the hot-cold/wet-dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates premium, high-performance chlorobutyl in both the tube and the cover, providing extreme heat resistance, durability, performance, and service life. The wire braid reinforcement provides crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground, and the cover resists abrasion, cracking, hardening and ozone. Series ST10 is qualified with crimp couplings for maintenance-free service. The traditional bolt style clamps and ground joint fittings can also be used with this hose.

**Construction:**

- Tube** - Black chlorobutyl
- Reinforcement** - Multiple wire braid
- Cover** - Red EPDM; perforated wrapped finish

**Temperature Range:**

-29°C to +208°C (-20°F to +406°F) Saturated/Superheated Steam

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	Reel Lengths	Crimp	Clamp
ST10-050	1/2	0.98	250	0.35	50'	Yes	Yes
ST10-075	3/4	1.25	250	0.52	50'	Yes	Yes
ST10-100	1	1.50	250	0.65	50'	Yes	Yes
ST10-125	1 1/4	1.88	250	1.19	50'	Yes	Yes
ST10-150	1 1/2	2.19	250	1.41	50'	Yes	Yes
ST10-200	2	2.60	250	1.40	50'	Yes	Yes



**Male NPTF**

Part No.	Size
STCA050-050MP	1/2"
STCA075-075MP	3/4"
STCA100-100MP	1"
STCA125-125MP	1 1/4"
STCA150-150MP	1 1/2"
STCA200-200MP	2"



**Female Ground Joint**

Part No.	Size
STCA075-075FGJ	3/4"
STCA100-100FGJ	1"



**Female NPT Adapter**

Part No.	Size
STCA075-075FGJF	3/4"
STCA100-100FGJF	1"
STCA125-125FGJF	1 1/4"
STCA150-150FGJF	1 1/2"
STCA200-200FGJF	2"

## ST11 CHLOROBUTYL



### Application:

ST11 series steam hose is a distinctive hose designed for long-lasting steam service—one of the toughest applications for hose, where the hot-cold/wet-dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates a premium, high-performance chlorobutyl tube which resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover resists abrasion, cracking, hardening, and ozone; The red/black barber pole cover provides color-coded identification from all angles and great distances. ST11 series steam hose is qualified with crimp couplings for easy and quick assembly fabrication as well as maintenance-free service. The traditional bolt style clamps and ground joint couplings can also be used on this hose.

### Construction:

**Tube** - Black chlorobutyl

**Reinforcement** - Multiple wire braid

**Cover** - Red and black striped EPDM

### Temperature Range:

-29°C to +208°C (-20°F to +406°F) Saturated Steam

+232°C (+450°F) Superheated Steam

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	Reel Lengths	Crimp	Clamp
ST11-050	1/2	1.03	250	0.50	50'	Yes	Yes
ST11-075	3/4	1.28	250	0.64	50'	Yes	Yes
ST11-100	1	1.55	250	0.81	50'	Yes	Yes



### Male NPTF

Part No.	Size
STCA050-050MP	1/2"
STCA075-075MP	3/4"
STCA100-100MP	1"



### Female Ground Joint

Part No.	Size
STCA075-075FGJ	3/4"
STCA100-100FGJ	1"



### Female NPT Adapter

Part No.	Size
STCA075-075FGJF	3/4"
STCA100-100FGJF	1"

## ST15 EPDM



**Application:**

ST15 series steam hose is a traditional hose designed for long-lasting steam service, one of the toughest applications for hose, where the hot/cold wet/dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates an EPDM tube that resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance, and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, cracking, hardening and ozone; there is a red cover option in sizes 3/4" and 1" that provides color-coded identification. Our ST15 series hose can be used with traditional bolt clamp style fittings as well as crimp fittings.

**Construction:**

**Tube** - Black EPDM

**Reinforcement** - Multiple wire braids

**Cover** - Black or red EPDM; perforated wrapped finish

**Temperature Range:**

-29°C to +208°C (-20°F to +406°F) Saturated Steam

+232°C (+450°F) Superheated Steam

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Weight lbs / ft	Reel Lengths	Crimp	Clamp
ST15-050BK	1/2	1.03	250	0.48	50'	Yes	Yes
ST15-075BK	3/4	1.34	250	0.66	50'	Yes	Yes
ST15-100BK	1	1.59	250	0.85	50'	Yes	Yes
ST15-125BK	1 1/4	1.88	250	1.14	50'	Yes	Yes
ST15-150BK	1 1/2	2.19	250	1.44	50'	Yes	Yes
ST15-200BK	2	2.67	250	1.76	50'	Yes	Yes

\*Note: BK indicates a BLACK hose. Also available in red -- RD indicates a RED hose.



**Male NPTF**

Part No.	Size
STCA050-050MP	1/2"
STCA075-075MP	3/4"
STCA100-100MP	1"
STCA125-125MP	1 1/4"
STCA150-150MP	1 1/2"
STCA200-200MP	2"



**Female Ground Joint**

Part No.	Size
STCA075-075FGJ	3/4"
STCA100-100FGJ	1"



**Female NPT Adapter**

Part No.	Size
STCA075-075FGJF	3/4"
STCA100-100FGJF	1"
STCA125-125FGJF	1 1/4"
STCA150-150FGJF	1 1/2"
STCA200-200FGJF	2"

## PART A



### Aluminum Part A

Part No.	Size
AL-A050	1/2"
AL-A075	3/4"
AL-A100	1"
AL-A125	1 1/4"
AL-A150	1 1/2"
AL-A200	2"
AL-A250	2 1/2"
AL-A300	3"
AL-A400	4"
AL-A500	5"
AL-A600	6"
AL-A800*	8"*

### Brass Part A

Part No.	Size
BR-A050	1/2"
BR-A075	3/4"
BR-A100	1"
BR-A125	1 1/4"
BR-A150	1 1/2"
BR-A200	2"
BR-A250	2 1/2"
BR-A300	3"
BR-A400	4"

### Stainless Part A

Part No.	Size
SS-A050	1/2"
SS-A075	3/4"
SS-A100	1"
SS-A125	1 1/4"
SS-A150	1 1/2"
SS-A200	2"
SS-A250	2 1/2"
SS-A300	3"
SS-A400	4"
SS-A500	5"
SS-A600	6"

\*Please ask or state interchange.

The mil-spec standards do not apply to 8" camlock couplings. There are two major styles in today's market and the two styles do not interchange. Style #1 is the ET standard. Style #2 is manufactured to the PT standard.

**Interchange #1:**    **Interchange #2:**

Ever-Tite	PT Domestic
Andrews	KOA (Import)
NECO	Dixon Boss
Kuri HD801	

## PART B



### Aluminum Part B

Part No.	Size
AL-B050	1/2"
AL-B075	3/4"
AL-B100	1"
AL-B125	1 1/4"
AL-B150	1 1/2"
AL-B200	2"
AL-B250	2 1/2"
AL-B300	3"
AL-B400	4"
AL-B500	5"
AL-B600	6"
AL-B800	8"

### Brass Part B

Part No.	Size
BR-B050	1/2"
BR-B075	3/4"
BR-B100	1"
BR-B125	1 1/4"
BR-B150	1 1/2"
BR-B200	2"
BR-B250	2 1/2"
BR-B300	3"
BR-B400	4"

### Stainless Part B

Part No.	Size
SS-B050	1/2"
SS-B075	3/4"
SS-B100	1"
SS-B125	1 1/4"
SS-B150	1 1/2"
SS-B200	2"
SS-B250	2 1/2"
SS-B300	3"
SS-B400	4"
SS-B500	5"
SS-B600	6"

## PART C



### Aluminum Part C

Part No.	Size
AL-C050	1/2"
AL-C075	3/4"
AL-C100	1"
AL-C125	1 1/4"
AL-C150	1 1/2"
AL-C200	2"
AL-C250	2 1/2"
AL-C300	3"
AL-C400	4"
AL-C500	5"
AL-C600	6"
AL-C800	8"

### Brass Part C

Part No.	Size
BR-C050	1/2"
BR-C075	3/4"
BR-C100	1"
BR-C125	1 1/4"
BR-C150	1 1/2"
BR-C200	2"
BR-C250	2 1/2"
BR-C300	3"
BR-C400	4"

### Stainless Part C

Part No.	Size
SS-C050	1/2"
SS-C075	3/4"
SS-C100	1"
SS-C125	1 1/4"
SS-C150	1 1/2"
SS-C200	2"
SS-C250	2 1/2"
SS-C300	3"
SS-C400	4"
SS-C500	5"
SS-C600	6"

## PART D



### Aluminum Part D

Part No.	Size
AL-D050	1/2"
AL-D075	3/4"
AL-D100	1"
AL-D125	1 1/4"
AL-D150	1 1/2"
AL-D200	2"
AL-D250	2 1/2"
AL-D300	3"
AL-D400	4"
AL-D500	5"
AL-D600	6"
AL-D800	8"

### Brass Part D

Part No.	Size
BR-D050	1/2"
BR-D075	3/4"
BR-D100	1"
BR-D125	1 1/4"
BR-D150	1 1/2"
BR-D200	2"
BR-D250	2 1/2"
BR-D300	3"
BR-D400	4"

### Stainless Part D

Part No.	Size
SS-D050	1/2"
SS-D075	3/4"
SS-D100	1"
SS-D125	1 1/4"
SS-D150	1 1/2"
SS-D200	2"
SS-D250	2 1/2"
SS-D300	3"
SS-D400	4"
SS-D500	5"
SS-D600	6"



**PART E**



**Aluminum Part E**

Part No.	Size
AL-E050	1/2"
AL-E075	3/4"
AL-E100	1"
AL-E125	1 1/4"
AL-E150	1 1/2"
AL-E200	2"
AL-E250	2 1/2"
AL-E300	3"
AL-E400	4"
AL-E500	5"
AL-E600	6"
AL-E800	8"

**Brass Part E**

Part No.	Size
BR-E050	1/2"
BR-E075	3/4"
BR-E100	1"
BR-E125	1 1/4"
BR-E150	1 1/2"
BR-E200	2"
BR-E250	2 1/2"
BR-E300	3"
BR-E400	4"

**Stainless Part E**

Part No.	Size
SS-E050	1/2"
SS-E075	3/4"
SS-E100	1"
SS-E125	1 1/4"
SS-E150	1 1/2"
SS-E200	2"
SS-E250	2 1/2"
SS-E300	3"
SS-E400	4"
SS-E500	5"
SS-E600	6"

**PART F**



**Aluminum Part F**

Part No.	Size
AL-F050	1/2"
AL-F075	3/4"
AL-F100	1"
AL-F125	1 1/4"
AL-F150	1 1/2"
AL-F200	2"
AL-F250	2 1/2"
AL-F300	3"
AL-F400	4"
AL-F500	5"
AL-F600	6"
AL-F800	8"

**Brass Part F**

Part No.	Size
BR-F050	1/2"
BR-F075	3/4"
BR-F100	1"
BR-F125	1 1/4"
BR-F150	1 1/2"
BR-F200	2"
BR-F250	2 1/2"
BR-F300	3"
BR-F400	4"

**Stainless Part F**

Part No.	Size
SS-F050	1/2"
SS-F075	3/4"
SS-F100	1"
SS-F125	1 1/4"
SS-F150	1 1/2"
SS-F200	2"
SS-F250	2 1/2"
SS-F300	3"
SS-F400	4"
SS-F500	5"
SS-F600	6"

## PART DP (DUST PLUG)



### Aluminum Part DP

Part No.	Size
AL-DP050	1/2"
AL-DP075	3/4"
AL-DP100	1"
AL-DP125	1 1/4"
AL-DP150	1 1/2"
AL-DP200	2"
AL-DP250	2 1/2"
AL-DP300	3"
AL-DP400	4"
AL-DP500	5"
AL-DP600	6"

### Brass Part DP

Part No.	Size
BR-DP050	1/2"
BR-DP075	3/4"
BR-DP100	1"
BR-DP125	1 1/4"
BR-DP150	1 1/2"
BR-DP200	2"
BR-DP250	2 1/2"
BR-DP300	3"
BR-DP400	4"

### Stainless Part DP

Part No.	Size
SS-DP050	1/2"
SS-DP075	3/4"
SS-DP100	1"
SS-DP125	1 1/4"
SS-DP150	1 1/2"
SS-DP200	2"
SS-DP250	2 1/2"
SS-DP300	3"
SS-DP400	4"
SS-DP500	5"
SS-DP600	6"

## PART DC (DUST CAP)



### Aluminum Part DC

Part No.	Size
AL-DC050	1/2"
AL-DC075	3/4"
AL-DC100	1"
AL-DC125	1 1/4"
AL-DC150	1 1/2"
AL-DC200	2"
AL-DC250	2 1/2"
AL-DC300	3"
AL-DC400	4"
AL-DC500	5"
AL-DC600	6"

### Brass Part DC

Part No.	Size
BR-DC050	1/2"
BR-DC075	3/4"
BR-DC100	1"
BR-DC125	1 1/4"
BR-DC150	1 1/2"
BR-DC200	2"
BR-DC250	2 1/2"
BR-DC300	3"
BR-DC400	4"

### Stainless Part DC

Part No.	Size
SS-DC050	1/2"
SS-DC075	3/4"
SS-DC100	1"
SS-DC125	1 1/4"
SS-DC150	1 1/2"
SS-DC200	2"
SS-DC250	2 1/2"
SS-DC300	3"
SS-DC400	4"
SS-DC500	5"
SS-DC600	6"

## PART DCL (LOCKABLE DUST CAP)



### Aluminum Part DCL

Part No.	Size
AL-DCL200	2"
AL-DCL300	3"
AL-DCL400	4"

### Stainless Part DCL

Part No.	Size
SS-DCL200	2"
SS-DCL300	3"
SS-DCL400	4"

\*Pad lock not included

## COUPLER ADAPTER



### Aluminum Reducer

Part No.	Size
AL-DA2015	2" x 1½"
AL-DA3020	3" x 2"
AL-DA3040	3" x 4"
AL-DA4020	4" x 2"
AL-DA4030	4" x 3"
AL-DA6030	6" x 3"
AL-DA6040	6" x 4"

### Stainless Reducer

Part No.	Size
SS-DA3020	3" x 2"
SS-DA4020	4" x 2"
SS-DA4030	4" x 3"

## DOUBLE FEMALE ADAPTER



### Aluminum Reducer

Part No.	Size
AL-DD3020	3" x 2"
AL-DD4020	4" x 3"
AL-DD4030	3" x 3"
AL-DD6040	6" x 4"

### Stainless Reducer

Part No.	Size
SS-DD3020	3" x 2"
SS-DD4030	4" x 3"

## DOUBLE SPOOL ADAPTER



### Aluminum Reducer

Part No.	Size
AL-AA3020	3" x 2"
AL-AA4020	4" x 2"
AL-AA4030	4" x 3"
AL-AA6040	6" x 4"

### Stainless Reducer

Part No.	Size
SS-AA3020	3" x 2"
SS-AA4030	4" x 3"

## HANDLE, RING, PIN & SAFETY BUMPS



### Stainless Handle, Ring & Pin

Part No.	Size
SS-HRP075	½" - ¾"
SS-HRP100	1"
SS-HRP200	1¼" - 2½"
SS-HRP300	3" - 4"
SS-HRP600	6"

### Security Chain with Hook

Part No.	Length
CSC-6	6"
CSC-12	12"

### Camlock Safety Lock Pins

These are specifically for use on camlocks with pin-holes drilled through the camlock body near the handle pins. Once inserted they will prevent the handle from opening.

Part No. \_\_\_\_\_

### Brass Handle, Ring & Pin

Part No.	Size
BR-HRP075	½" - ¾"
BR-HRP100	1"
BR-HRP200	1¼" - 2½"
BR-HRP300	3" - 4"



### Safety Bump Dust Cap

Part No.	Size
SBDC-200	2"
SBDC-300	3"
SBDC-400	4"

### Safety Bump Dust Plug

Part No.	Size
SBDP-200	2"
SBDP-300	3"
SBDP-400	4"

### Safety Locks - Red

Part No.	Size
SL-200	2"
SL-300	3"

## POLYPROPYLENE WITH LOCKING ARMS



### Polypropylene Part A

Part No.	Size
*PP-A050	1/2"
PP-A075	3/4"
PP-A100	1"
**PP-A125	1 1/4"
PP-A150	1 1/2"
PP-A200	2"
PP-A300	3"



### Polypropylene Part B

Part No.	Size
*PP-B050-BL	1/2"
PP-B075-BL	3/4"
PP-B100-BL	1"
**PP-B125-BL	1 1/4"
PP-B150-BL	1 1/2"
PP-B200-BL	2"
PP-B300	3"



### Polypropylene Part C

Part No.	Size
*PP-C050-BL	1/2"
PP-C075-BL	3/4"
PP-C100-BL	1"
**PP-C125-BL	1 1/4"
PP-C150-BL	1 1/2"
PP-C200-BL	2"
PP-C300	3"



### Polypropylene Part D

Part No.	Size
*PP-D050-BL	1/2"
PP-D075-BL	3/4"
PP-D100-BL	1"
**PP-D125-BL	1 1/4"
PP-D150-BL	1 1/2"
PP-D200-BL	2"
PP-D300	3"



### Polypropylene Part E

Part No.	Size
*PP-E050	1/2"
PP-E075	3/4"
PP-E100	1"
**PP-E125	1 1/4"
PP-E150	1 1/2"
PP-E200	2"
PP-E300	3"



### Polypropylene Part F

Part No.	Size
*PP-F050	1/2"
PP-F075	3/4"
PP-F100	1"
**PP-F125	1 1/4"
PP-F150	1 1/2"
PP-F200	2"
PP-F300	3"



### Polypropylene Part DP

Part No.	Size
*PP-DP050	1/2"
PP-DP075	3/4"
PP-DP100	1"
**PP-DP125	1 1/4"
**PP-DP150	1 1/2"
PP-DP200	2"
PP-DP300	3"



### Polypropylene Part DC

Part No.	Size
*PP-DC050-BL	1/2"
PP-DC075-BL	3/4"
PP-DC100-BL	1"
**PP-DC125-BL	1 1/4"
**PP-DC150-BL	1 1/2"
PP-DC200-BL	2"
PP-DC300	3"

\* 1/2" has 3/4" body.

\*\* 1 1/4" has 1 1/2" body.

## CAMLOCK GASKETS



	BUNA N	NEOPRENE	TEFLON BUNA FILLER	VITON
<b>TEMP.</b>	-40°F to 180°F	-40°F to 190°F	-40°F to 180°F	-20°F to 400°F
<b>Size</b>	<b>Part No.</b>	<b>Part No.</b>	<b>Part No.</b>	<b>Part No.</b>
1/2"	CGS-050	--	--	--
3/4"	CGS-075	CGNE-075	CGTB-075	CGVT-075
1"	CGS-100	CGNE-100	CGTB-100	CGVT-100
1 1/4"	CGS-125	CGNE-125	CGTB-125	CGVT-125
1 1/2"	CGS-150	CGNE-150	CGTB-150	CGVT-150
2"	CGS-200	CGNE-200	CGTB-200	CGVT-200
2 1/2"	CGS-250	CGNE-250	CGTB-250	CGVT-250
3"	CGS-300	CGNE-300	CGTB-300	CGVT-300
4"	CGS-400	CGNE-400	CGTB-400	CGVT-400
5"	CGS-500	--	--	--
6"	CGS-600	--	CGTB-600	--
8"	CGS-800	--	--	--

## Maximum Pressure Ratings P.S.I. for Camlock Couplings at 70°F

Size Inches	Aluminum / Brass	Stainless	Polypropylene
1/2"	125	125	100
3/4"	150	150	100
1"	150	150	100
1 1/4"	150	150	100
1 1/2"	150	150	100
2"	150	150	100
2 1/2"	150	150	--
3"	150	150	75
4"	150	150	75
6"	75	75	--

\* CAM AND GROOVE COUPLINGS SHOULD NEVER BE USED FOR COMPRESSED AIR, GASES OR STEAM.

## CRIMP-X CAMLOCKS

### Features & Benefits

- 360° interlock groove on fitting locks ferrule into place for the ultimate in holding power.
- Serrations designed to grip, seal, and protect hose when crimped or banded.
- Crimped assemblies are low profile. Can achieve higher pressure than traditional style band clamps and eliminate sharp edges from clamp buckles.

### Recommended Use

- Multi-purpose liquid, chemical, bulk handling.



### Aluminum Part C

Size	Part No.
1"	AL-C100X
1½"	AL-C150X
2"	AL-C200X
3"	AL-C300X
4"	AL-C400X

### Stainless Part C

Size	Part No.
1"	SS-C100X
1½"	SS-C150X
2"	SS-C200X
3"	SS-C300X
4"	SS-C400X



### Aluminum Part E

Size	Part No.
1"	AL-E100X
1½"	AL-E150X
2"	AL-E200X
3"	AL-E300X
4"	AL-E400X

### Stainless Part E

Size	Part No.
1"	SS-E100X
1½"	SS-E150X
2"	SS-E200X
3"	SS-E300X
4"	SS-E400X

## CRIMP-X BAUERS



Size	Socket by Shank
3"	BLSS-300X
4"	BLSS-400X
6"	BLSS-600X
8"	BLSS-800X
10"	BLSS-1000X
12"	BLSS-1200X



Size	Ball by Shank (Lever Included)
3"	BLBS-300X
4"	BLBS-400X
6"	BLBS-600X
8"	BLBS-800X
10"	BLBS-1000X
12"	BLBS-1200X



**CRIMP-X COMBINATION NIPPLES**



**Plated Steel  
NPT Thread**

Hose Size	Part No.
1"	CNT-100PSX
1¼"	CNT-125PSX
1½"	CNT-150PSX
2"	CNT-200PSX
2½"	CNT-250PSX
3"	CNT-300PSX
4"	CNT-400PSX
6"	CNT-600PSX

**316 Stainless  
NPT Thread**

Hose Size	Part No.
1"	CNT-100-SSX
1¼"	CNT-125-SSX
1½"	CNT-150-SSX
2"	CNT-200-SSX
2½"	CNT-250-SSX
3"	CNT-300-SSX
4"	CNT-400-SSX
6"	CNT-600-SSX

**CRIMP-X FLANGE**



**Steel  
150# Flange**

Hose Size	Part No.
3"	CNF-300
4"	CNF-400
6"	CNF-600
8"	CNF-800

**CRIMP-X TURN BACK**



**Steel  
Turn back**

Hose Size	Part No.
3"	CNF-300
4"	CNF-400
6"	CNF-600
8"	CNF-800

## PLATED STEEL CRIMP-X SLEEVES



**Plated Steel  
Sleeves**

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
1	1 <sup>20</sup> / <sub>64</sub>	1.31	CSX-100120-PS
1	1 <sup>24</sup> / <sub>64</sub>	1.38	CSX-100124-PS
1	1 <sup>28</sup> / <sub>64</sub>	1.44	CSX-100128-PS
1	1 <sup>32</sup> / <sub>64</sub>	1.50	CSX-100132-PS
1	1 <sup>36</sup> / <sub>64</sub>	1.56	CSX-100136-PS
1	1 <sup>40</sup> / <sub>64</sub>	1.63	CSX-100140-PS
1	1 <sup>44</sup> / <sub>64</sub>	1.69	CSX-100144-PS
1	1 <sup>48</sup> / <sub>64</sub>	1.75	CSX-100148-PS
1 1/4	1 <sup>52</sup> / <sub>64</sub>	1.81	CSX-125152-PS
1 1/4	2	2.00	CSX-125200-PS
1 1/2	1 <sup>48</sup> / <sub>64</sub>	1.75	CSX-150148-PS
1 1/2	1 <sup>52</sup> / <sub>64</sub>	1.81	CSX-150152-PS
1 1/2	1 <sup>56</sup> / <sub>64</sub>	1.88	CSX-150156-PS
1 1/2	1 <sup>60</sup> / <sub>64</sub>	1.94	CSX-150160-PS
1 1/2	2	2.00	CSX-150200-PS
1 1/2	2 <sup>4</sup> / <sub>64</sub>	2.06	CSX-150204-PS
1 1/2	2 <sup>8</sup> / <sub>64</sub>	2.13	CSX-150208-PS
1 1/2	2 <sup>12</sup> / <sub>64</sub>	2.19	CSX-150212-PS
1 1/2	2 <sup>16</sup> / <sub>64</sub>	2.25	CSX-150216-PS
1 1/2	2 <sup>20</sup> / <sub>64</sub>	2.31	CSX-150220-PS
1 1/2	2 <sup>24</sup> / <sub>64</sub>	2.38	CSX-150224-PS
2	2 <sup>16</sup> / <sub>64</sub>	2.25	CSX-200216-PS
2	2 <sup>24</sup> / <sub>64</sub>	2.38	CSX-200224-PS
2	2 <sup>28</sup> / <sub>64</sub>	2.44	CSX-200228-PS
2	2 <sup>32</sup> / <sub>64</sub>	2.50	CSX-200232-PS
2	2 <sup>36</sup> / <sub>64</sub>	2.56	CSX-200236-PS
2	2 <sup>40</sup> / <sub>64</sub>	2.63	CSX-200240-PS
2	2 <sup>44</sup> / <sub>64</sub>	2.69	CSX-200244-PS
2	2 <sup>48</sup> / <sub>64</sub>	2.75	CSX-200248-PS
2	2 <sup>52</sup> / <sub>64</sub>	2.81	CSX-200252-PS
2	2 <sup>56</sup> / <sub>64</sub>	2.88	CSX-200256-PS
2	2 <sup>60</sup> / <sub>64</sub>	2.94	CSX-200260-PS
2	3	3.00	CSX-200300-PS
2	3 <sup>2</sup> / <sub>64</sub>	3.03	CSX-200302-PS
2 1/2	3	3.00	CSX-250300-PS
2 1/2	3 <sup>8</sup> / <sub>64</sub>	3.13	CSX-250308-PS
2 1/2	3 <sup>16</sup> / <sub>64</sub>	3.25	CSX-250316-PS
2 1/2	3 <sup>24</sup> / <sub>64</sub>	3.38	CSX-250324-PS
2 1/2	3 <sup>32</sup> / <sub>64</sub>	3.50	CSX-250332-PS

**Plated Steel  
Sleeves**

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
3	3 <sup>16</sup> / <sub>64</sub>	3.25	CSX-300316-PS
3	3 <sup>24</sup> / <sub>64</sub>	3.38	CSX-300324-PS
3	3 <sup>28</sup> / <sub>64</sub>	3.44	CSX-300328-PS
3	3 <sup>32</sup> / <sub>64</sub>	3.50	CSX-300332-PS
3	3 <sup>36</sup> / <sub>64</sub>	3.56	CSX-300336-PS
3	3 <sup>40</sup> / <sub>64</sub>	3.63	CSX-300340-PS
3	3 <sup>44</sup> / <sub>64</sub>	3.69	CSX-300344-PS
3	3 <sup>48</sup> / <sub>64</sub>	3.75	CSX-300348-PS
3	3 <sup>52</sup> / <sub>64</sub>	3.81	CSX-300352-PS
3	3 <sup>56</sup> / <sub>64</sub>	3.88	CSX-300356-PS
3	4	4.00	CSX-300400-PS
3	4 <sup>2</sup> / <sub>64</sub>	4.03	CSX-300402-PS
4	4 <sup>16</sup> / <sub>64</sub>	4.25	CSX-400416-PS
4	4 <sup>24</sup> / <sub>64</sub>	4.38	CSX-400424-PS
4	4 <sup>32</sup> / <sub>64</sub>	4.50	CSX-400432-PS
4	4 <sup>36</sup> / <sub>64</sub>	4.56	CSX-400436-PS
4	4 <sup>40</sup> / <sub>64</sub>	4.63	CSX-400440-PS
4	4 <sup>44</sup> / <sub>64</sub>	4.69	CSX-400444-PS
4	4 <sup>48</sup> / <sub>64</sub>	4.75	CSX-400448-PS
4	4 <sup>52</sup> / <sub>64</sub>	4.81	CSX-400452-PS
4	4 <sup>56</sup> / <sub>64</sub>	4.88	CSX-400456-PS
4	4 <sup>60</sup> / <sub>64</sub>	4.94	CSX-400460-PS
4	5	5.00	CSX-400500-PS
4	5 <sup>2</sup> / <sub>64</sub>	5.03	CSX-400502-PS
6	6 <sup>16</sup> / <sub>64</sub>	6.25	CSX-600616-PS
6	6 <sup>24</sup> / <sub>64</sub>	6.38	CSX-600624-PS
6	6 <sup>32</sup> / <sub>64</sub>	6.50	CSX-600632-PS
6	6 <sup>40</sup> / <sub>64</sub>	6.63	CSX-600640-PS
6	6 <sup>48</sup> / <sub>64</sub>	6.75	CSX-600648-PS
6	6 <sup>56</sup> / <sub>64</sub>	6.88	CSX-600656-PS
6	7	7.00	CSX-600700-PS
6	7 <sup>8</sup> / <sub>64</sub>	7.13	CSX-600708-PS
6	7 <sup>16</sup> / <sub>64</sub>	7.25	CSX-600716-PS
6	7 <sup>24</sup> / <sub>64</sub>	7.38	CSX-600724-PS
8	8 <sup>32</sup> / <sub>64</sub>	8.50	CSX-800832-PS
8	8 <sup>48</sup> / <sub>64</sub>	8.75	CSX-800848-PS
8	9	9.00	CSX-800900-PS
8	9 <sup>16</sup> / <sub>64</sub>	9.25	CSX-800916-PS
8	9 <sup>32</sup> / <sub>64</sub>	9.50	CSX-800932-PS

**ALUMINUM CRIMP-X SLEEVES**



**Aluminum Sleeves**

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
1	1 <sup>24</sup> / <sub>64</sub>	1.36	CSX-100124-AL
1	1 <sup>48</sup> / <sub>64</sub>	1.75	CSX-100148-AL
1½	2	2.00	CSX-150200-AL
1½	2 <sup>12</sup> / <sub>64</sub>	2.19	CSX-150212-AL
2	2 <sup>16</sup> / <sub>64</sub>	2.25	CSX-200216-AL
2	2 <sup>28</sup> / <sub>64</sub>	2.44	CSX-200228-AL
2	2 <sup>48</sup> / <sub>64</sub>	2.75	CSX-200248-AL
2	3	3.00	CSX-200300-AL
2½	3	3.00	CSX-250300-AL
3	3 <sup>28</sup> / <sub>64</sub>	3.44	CSX-300328-AL
3	3 <sup>48</sup> / <sub>64</sub>	3.75	CSX-300348-AL
3	4	4.00	CSX-300400-AL
4	4 <sup>32</sup> / <sub>64</sub>	4.50	CSX-400432-AL
4	4 <sup>52</sup> / <sub>64</sub>	4.81	CSX-400452-AL
4	5 <sup>8</sup> / <sub>64</sub>	5.13	CSX-400508-AL
6	6 <sup>32</sup> / <sub>64</sub>	6.50	CSX-600632-AL
6	6 <sup>56</sup> / <sub>64</sub>	6.88	CSX-600656-AL
6	7 <sup>16</sup> / <sub>64</sub>	7.25	CSX-600716-AL

## 304 STAINLESS STEEL CRIMP-X SLEEVES



**Stainless Steel  
Sleeves**

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
1	1 <sup>16</sup> / <sub>64</sub>	1.25	CSX-100116-SS
1	1 <sup>20</sup> / <sub>64</sub>	1.31	CSX-100120-SS
1	1 <sup>24</sup> / <sub>64</sub>	1.38	CSX-100124-SS
1	1 <sup>28</sup> / <sub>64</sub>	1.44	CSX-100128-SS
1	1 <sup>32</sup> / <sub>64</sub>	1.50	CSX-100132-SS
1	1 <sup>36</sup> / <sub>64</sub>	1.56	CSX-100136-SS
1	1 <sup>40</sup> / <sub>64</sub>	1.63	CSX-100140-SS
1	1 <sup>44</sup> / <sub>64</sub>	1.69	CSX-100144-SS
1	1 <sup>48</sup> / <sub>64</sub>	1.75	CSX-100148-SS
1¼	1 <sup>56</sup> / <sub>64</sub>	1.88	CSX-125156-SS
1¼	2	2.00	CSX-125200-SS
1½	1 <sup>52</sup> / <sub>64</sub>	1.81	CSX-150152-SS
1½	1 <sup>56</sup> / <sub>64</sub>	1.88	CSX-150156-SS
1½	1 <sup>60</sup> / <sub>64</sub>	1.94	CSX-150160-SS
1½	2	2.00	CSX-150200-SS
1½	2 <sup>4</sup> / <sub>64</sub>	2.06	CSX-150204-SS
1½	2 <sup>8</sup> / <sub>64</sub>	2.13	CSX-150208-SS
1½	2 <sup>12</sup> / <sub>64</sub>	2.19	CSX-150212-SS
1½	2 <sup>16</sup> / <sub>64</sub>	2.25	CSX-150216-SS
1½	2 <sup>20</sup> / <sub>64</sub>	2.31	CSX-150220-SS
1½	2 <sup>24</sup> / <sub>64</sub>	2.38	CSX-150224-SS
2	2 <sup>16</sup> / <sub>64</sub>	2.25	CSX-200216-SS
2	2 <sup>24</sup> / <sub>64</sub>	2.38	CSX-200224-SS
2	2 <sup>28</sup> / <sub>64</sub>	2.44	CSX-200228-SS
2	2 <sup>32</sup> / <sub>64</sub>	2.50	CSX-200232-SS
2	2 <sup>36</sup> / <sub>64</sub>	2.56	CSX-200236-SS
2	2 <sup>40</sup> / <sub>64</sub>	2.63	CSX-200240-SS
2	2 <sup>44</sup> / <sub>64</sub>	2.69	CSX-200244-SS
2	2 <sup>48</sup> / <sub>64</sub>	2.75	CSX-200248-SS
2	2 <sup>52</sup> / <sub>64</sub>	2.81	CSX-200252-SS
2	2 <sup>56</sup> / <sub>64</sub>	2.88	CSX-200256-SS

**Stainless Steel  
Sleeves**

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
2	2 <sup>60</sup> / <sub>64</sub>	2.94	CSX-200260-SS
2	3	3.00	CSX-200300-SS
2	3 <sup>2</sup> / <sub>64</sub>	3.03	CSX-200302-SS
2½	3	3.00	CSX-250300-SS
2½	3 <sup>8</sup> / <sub>64</sub>	3.13	CSX-250308-SS
2½	3 <sup>16</sup> / <sub>64</sub>	3.25	CSX-250316-SS
2½	3 <sup>24</sup> / <sub>64</sub>	3.38	CSX-250324-SS
2½	3 <sup>32</sup> / <sub>64</sub>	3.50	CSX-250332-SS
2½	3 <sup>34</sup> / <sub>64</sub>	3.53	CSX-250334-SS
3	3 <sup>24</sup> / <sub>64</sub>	3.38	CSX-300324-SS
3	3 <sup>28</sup> / <sub>64</sub>	3.44	CSX-300328-SS
3	3 <sup>32</sup> / <sub>64</sub>	3.50	CSX-300332-SS
3	3 <sup>36</sup> / <sub>64</sub>	3.56	CSX-300336-SS
3	3 <sup>40</sup> / <sub>64</sub>	3.63	CSX-300340-SS
3	3 <sup>44</sup> / <sub>64</sub>	3.69	CSX-300344-SS
3	3 <sup>48</sup> / <sub>64</sub>	3.75	CSX-300348-SS
3	3 <sup>52</sup> / <sub>64</sub>	3.81	CSX-300352-SS
3	3 <sup>56</sup> / <sub>64</sub>	3.88	CSX-300356-SS
3	3 <sup>60</sup> / <sub>64</sub>	3.94	CSX-300360-SS
3	4	4.00	CSX-300400-SS
3	4 <sup>2</sup> / <sub>64</sub>	4.03	CSX-300402-SS
4	4 <sup>32</sup> / <sub>64</sub>	4.50	CSX-400432-SS
4	4 <sup>36</sup> / <sub>64</sub>	4.56	CSX-400436-SS
4	4 <sup>40</sup> / <sub>64</sub>	4.63	CSX-400440-SS
4	4 <sup>44</sup> / <sub>64</sub>	4.69	CSX-400444-SS
4	4 <sup>48</sup> / <sub>64</sub>	4.75	CSX-400448-SS
4	4 <sup>52</sup> / <sub>64</sub>	4.81	CSX-400452-SS
4	4 <sup>56</sup> / <sub>64</sub>	4.88	CSX-400456-SS
4	4 <sup>60</sup> / <sub>64</sub>	4.94	CSX-400460-SS
4	5	5.00	CSX-400500-SS
4	5 <sup>2</sup> / <sub>64</sub>	5.03	CSX-400502-SS

PLATED STEEL CRIMP-X FERRULES



Plated Steel Ferrules

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
1½	1 <sup>48</sup> / <sub>64</sub>	1.75	CFX-150148-PS
1½	1 <sup>52</sup> / <sub>64</sub>	1.81	CFX-150152-PS
1½	1 <sup>56</sup> / <sub>64</sub>	1.88	CFX-150156-PS
1½	1 <sup>60</sup> / <sub>64</sub>	1.94	CFX-150160-PS
1½	2	2.00	CFX-150200-PS
1½	2 <sup>4</sup> / <sub>64</sub>	2.06	CFX-150204-PS
1½	2 <sup>8</sup> / <sub>64</sub>	2.13	CFX-150208-PS
1½	2 <sup>12</sup> / <sub>64</sub>	2.19	CFX-150212-PS
1½	2 <sup>16</sup> / <sub>64</sub>	2.25	CFX-150216-PS
1½	2 <sup>20</sup> / <sub>64</sub>	2.31	CFX-150220-PS
2	2 <sup>24</sup> / <sub>64</sub>	2.38	CFX-200224-PS
2	2 <sup>28</sup> / <sub>64</sub>	2.44	CFX-200228-PS
2	2 <sup>32</sup> / <sub>64</sub>	2.50	CFX-200232-PS
2	2 <sup>36</sup> / <sub>64</sub>	2.56	CFX-200236-PS
2	2 <sup>40</sup> / <sub>64</sub>	2.63	CFX-200240-PS
2	2 <sup>44</sup> / <sub>64</sub>	2.69	CFX-200244-PS
2	2 <sup>48</sup> / <sub>64</sub>	2.75	CFX-200248-PS
2	2 <sup>52</sup> / <sub>64</sub>	2.81	CFX-200252-PS
2	2 <sup>56</sup> / <sub>64</sub>	2.88	CFX-200256-PS

Plated Steel Ferrules

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
3	3 <sup>24</sup> / <sub>64</sub>	3.38	CFX-300324-PS
3	3 <sup>28</sup> / <sub>64</sub>	3.44	CFX-300328-PS
3	3 <sup>32</sup> / <sub>64</sub>	3.50	CFX-300332-PS
3	3 <sup>36</sup> / <sub>64</sub>	3.56	CFX-300336-PS
3	3 <sup>40</sup> / <sub>64</sub>	3.63	CFX-300340-PS
3	3 <sup>44</sup> / <sub>64</sub>	3.69	CFX-300344-PS
3	3 <sup>48</sup> / <sub>64</sub>	3.75	CFX-300348-PS
3	3 <sup>52</sup> / <sub>64</sub>	3.81	CFX-300352-PS
3	3 <sup>56</sup> / <sub>64</sub>	3.88	CFX-300356-PS
3	3 <sup>60</sup> / <sub>64</sub>	3.94	CFX-300360-PS
3	4	4.00	CFX-300400-PS
3	4 <sup>4</sup> / <sub>64</sub>	4.06	CFX-300404-PS
3	4 <sup>8</sup> / <sub>64</sub>	4.13	CFX-300408-PS
3	4 <sup>12</sup> / <sub>64</sub>	4.19	CFX-300412-PS
4	4 <sup>24</sup> / <sub>64</sub>	4.38	CFX-400424-PS
4	4 <sup>28</sup> / <sub>64</sub>	4.44	CFX-400428-PS
4	4 <sup>32</sup> / <sub>64</sub>	4.50	CFX-400432-PS
4	4 <sup>36</sup> / <sub>64</sub>	4.56	CFX-400436-PS
4	4 <sup>40</sup> / <sub>64</sub>	4.63	CFX-400440-PS
4	4 <sup>44</sup> / <sub>64</sub>	4.69	CFX-400444-PS
4	4 <sup>48</sup> / <sub>64</sub>	4.75	CFX-400448-PS
4	4 <sup>52</sup> / <sub>64</sub>	4.81	CFX-400452-PS
4	4 <sup>56</sup> / <sub>64</sub>	4.88	CFX-400456-PS
4	4 <sup>60</sup> / <sub>64</sub>	4.94	CFX-400460-PS
4	5	5.00	CFX-400500-PS
4	5 <sup>4</sup> / <sub>64</sub>	5.06	CFX-400504-PS
4	5 <sup>8</sup> / <sub>64</sub>	5.13	CFX-400508-PS
4	5 <sup>12</sup> / <sub>64</sub>	5.19	CFX-400512-PS
4	5 <sup>16</sup> / <sub>64</sub>	5.25	CFX-400516-PS
6	6 <sup>32</sup> / <sub>64</sub>	6.50	CFX-600632-PS
6	6 <sup>40</sup> / <sub>64</sub>	6.63	CFX-600640-PS
6	6 <sup>48</sup> / <sub>64</sub>	6.75	CFX-600648-PS
6	6 <sup>56</sup> / <sub>64</sub>	6.88	CFX-600656-PS
6	7	7.00	CFX-600700-PS
6	7 <sup>8</sup> / <sub>64</sub>	7.13	CFX-600708-PS
6	7 <sup>16</sup> / <sub>64</sub>	7.25	CFX-600716-PS
6	7 <sup>24</sup> / <sub>64</sub>	7.38	CFX-600724-PS
6	7 <sup>32</sup> / <sub>64</sub>	7.50	CFX-600732-PS

## 304 STAINLESS STEEL CRIMP-X FERRULES

### Stainless Steel Ferrules

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
1½	1 <sup>48</sup> / <sub>64</sub>	1.75	CFX-150148-SS
1½	1 <sup>52</sup> / <sub>64</sub>	1.81	CFX-150152-SS
1½	1 <sup>56</sup> / <sub>64</sub>	1.88	CFX-150156-SS
1½	1 <sup>60</sup> / <sub>64</sub>	1.94	CFX-150160-SS
1½	2	2.00	CFX-150200-SS
1½	2 <sup>4</sup> / <sub>64</sub>	2.06	CFX-150204-SS
1½	2 <sup>8</sup> / <sub>64</sub>	2.13	CFX-150208-SS
1½	2 <sup>12</sup> / <sub>64</sub>	2.19	CFX-150212-SS
1½	2 <sup>16</sup> / <sub>64</sub>	2.25	CFX-150216-SS
1½	2 <sup>20</sup> / <sub>64</sub>	2.31	CFX-150220-SS
2	2 <sup>24</sup> / <sub>64</sub>	2.38	CFX-200224-SS
2	2 <sup>28</sup> / <sub>64</sub>	2.44	CFX-200228-SS
2	2 <sup>32</sup> / <sub>64</sub>	2.50	CFX-200232-SS
2	2 <sup>36</sup> / <sub>64</sub>	2.56	CFX-200236-SS
2	2 <sup>40</sup> / <sub>64</sub>	2.63	CFX-200240-SS
2	2 <sup>44</sup> / <sub>64</sub>	2.69	CFX-200244-SS
2	2 <sup>48</sup> / <sub>64</sub>	2.75	CFX-200248-SS
2	2 <sup>52</sup> / <sub>64</sub>	2.81	CFX-200252-SS
2	2 <sup>56</sup> / <sub>64</sub>	2.88	CFX-200256-SS
3	3 <sup>24</sup> / <sub>64</sub>	3.38	CFX-300324-SS
3	3 <sup>28</sup> / <sub>64</sub>	3.44	CFX-300328-SS
3	3 <sup>32</sup> / <sub>64</sub>	3.50	CFX-300332-SS
3	3 <sup>36</sup> / <sub>64</sub>	3.56	CFX-300336-SS
3	3 <sup>40</sup> / <sub>64</sub>	3.63	CFX-300340-SS
3	3 <sup>44</sup> / <sub>64</sub>	3.69	CFX-300344-SS
3	3 <sup>48</sup> / <sub>64</sub>	3.75	CFX-300348-SS
3	3 <sup>52</sup> / <sub>64</sub>	3.81	CFX-300352-SS
3	3 <sup>56</sup> / <sub>64</sub>	3.88	CFX-300356-SS
3	3 <sup>60</sup> / <sub>64</sub>	3.94	CFX-300360-SS
3	4	4.00	CFX-300400-SS
3	4 <sup>4</sup> / <sub>64</sub>	4.06	CFX-300404-SS
3	4 <sup>8</sup> / <sub>64</sub>	4.13	CFX-300408-SS
3	4 <sup>12</sup> / <sub>64</sub>	4.19	CFX-300412-SS
4	4 <sup>24</sup> / <sub>64</sub>	4.38	CFX-400424-SS

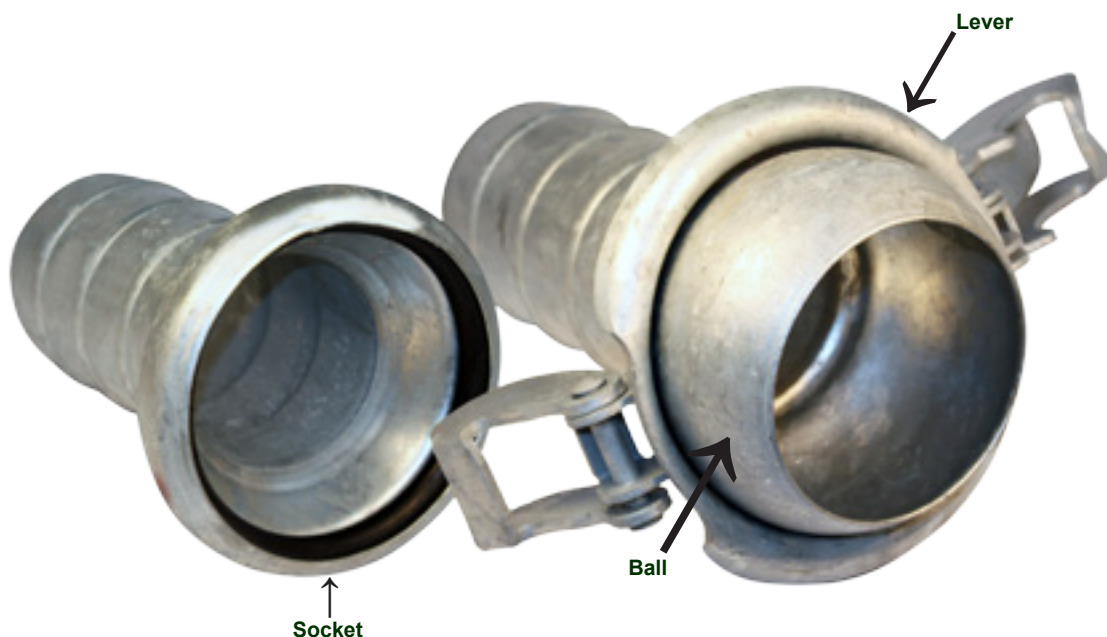


### Stainless Steel Ferrules

Hose Size	Sleeve I.D. Inches	Decimal	Part No.
4	4 <sup>28</sup> / <sub>64</sub>	4.44	CFX-400428-SS
4	4 <sup>32</sup> / <sub>64</sub>	4.50	CFX-400432-SS
4	4 <sup>36</sup> / <sub>64</sub>	4.56	CFX-400436-SS
4	4 <sup>40</sup> / <sub>64</sub>	4.63	CFX-400440-SS
4	4 <sup>44</sup> / <sub>64</sub>	4.69	CFX-400444-SS
4	4 <sup>48</sup> / <sub>64</sub>	4.75	CFX-400448-SS
4	4 <sup>52</sup> / <sub>64</sub>	4.81	CFX-400452-SS
4	4 <sup>56</sup> / <sub>64</sub>	4.88	CFX-400456-SS
4	4 <sup>60</sup> / <sub>64</sub>	4.94	CFX-400460-SS
4	5	5.00	CFX-400500-SS
4	5 <sup>4</sup> / <sub>64</sub>	5.06	CFX-400504-SS
4	5 <sup>8</sup> / <sub>64</sub>	5.13	CFX-400508-SS
4	5 <sup>12</sup> / <sub>64</sub>	5.19	CFX-400512-SS
4	5 <sup>16</sup> / <sub>64</sub>	5.25	CFX-400516-SS
6	6 <sup>32</sup> / <sub>64</sub>	6.50	CFX-600632-SS
6	6 <sup>40</sup> / <sub>64</sub>	6.63	CFX-600640-SS
6	6 <sup>48</sup> / <sub>64</sub>	6.75	CFX-600648-SS
6	6 <sup>56</sup> / <sub>64</sub>	6.88	CFX-600656-SS
6	7	7.00	CFX-600700-SS
6	7 <sup>8</sup> / <sub>64</sub>	7.13	CFX-600708-SS
6	7 <sup>16</sup> / <sub>64</sub>	7.25	CFX-600716-SS
6	7 <sup>24</sup> / <sub>64</sub>	7.38	CFX-600724-SS
6	7 <sup>32</sup> / <sub>64</sub>	7.50	CFX-600732-SS



**BAL-LOK TYPE "B" (BAUER STYLE) COUPLINGS**



Size		Socket by Shank	Ball by Shank (Lever Included)	Lever (Galvanized)	End Cap (Galvanized)	Gasket
inch	mm					
3	76.2	BLSS-300	BLBS-300	BLL-300	BLEC-300	BLG-300
4	101.6	BLSS-400	BLBS-400	BLL-400	BLEC-400	BLG-400
6	152.4	BLSS-600	BLBS-600	BLL-600	BLEC-600	BLG-600
8	203.2	BLSS-800	BLBS-800	BLL-800	BLEC-800	BLG-800
10	254.0	BLSS-1000	BLBS-1000	BLL-1000	BLEC-1000	BLG-1000
12	304.8	BLSS-1200	BLBS-1200	BLL-1200	BLEC-1200	BLG-1200

Size		Socket by Male NPT	Socket by Flange	Ball by Male NPT	Ball by Flange
inch	mm				
3	76.2	BLSM-300	BLSFL-300	BLBM-300	BLBFL-300
4	101.6	BLSM-400	BLSFL-400	BLBM-400	BLBFL-400
6	152.4	BLSM-600	BLSFL-600	BLBM-600	BLBFL-600
8	203.2	BLSM-800	BLSFL-800	BLBM-800	BLBFL-800
10	254.0	-----	BLSFL-1000	-----	BLBFL-1000
12	304.8	-----	BLSFL-1200	-----	BLBFL-1200

\* Type "A" available. Call for price and availability.



## COMBINATION NIPPLES



### Plated Steel NPT Thread

Hose Size	Part No.
1/2"	CNT-050-P
3/4"	CNT-075-P
1"	CNT-100-P
1 1/4"	CNT-125-P
1 1/2"	CNT-150-P
2"	CNT-200-P
2 1/2"	CNT-250-P
3"	CNT-300-P
4"	CNT-400-P
5"	CNT-500-P
6"	CNT-600-P
8"	CNT-800-P
10"	CNT-1000-P
12"	CNT-1200-P

### 316 Stainless NPT Thread

Hose Size	Part No.
1/2"	CNT-050-SS
3/4"	CNT-075-SS
1"	CNT-100-SS
1 1/4"	CNT-125-SS
1 1/2"	CNT-150-SS
2"	CNT-200-SS
2 1/2"	CNT-250-SS
3"	CNT-300-SS
4"	CNT-400-SS
5"	-----
6"	CNT-600-SS
8"	CNT-800-SS
10"	CNT-1000-SS
12"	CNT-1200-SS

### Aluminum NPT Thread

Hose Size	Part No.
1/2"	CNT-050-AL
3/4"	CNT-075-AL
1"	CNT-100-AL
1 1/4"	CNT-125-AL
1 1/2"	CNT-150-AL
2"	CNT-200-AL
2 1/2"	CNT-250-AL
3"	CNT-300-AL
4"	CNT-400-AL
5"	-----
6"	-----
8"	-----

### Brass NPT Thread

Hose Size	Part No.
1/2"	CNT-050-BR
3/4"	CNT-075-BR
1"	CNT-100-BR
1 1/4"	CNT-125-BR
1 1/2"	CNT-150-BR
2"	CNT-200-BR
2 1/2"	CNT-250-BR
3"	CNT-300-BR
4"	CNT-400-BR
5"	-----
6"	-----
8"	-----

### Grooved

Hose Size	Part No.
1/2"	-----
3/4"	-----
1"	CNG-100
1 1/4"	CNG-125
1 1/2"	CNG-150
2"	CNG-200
2 1/2"	CNG-250
3"	CNG-300
4"	CNG-400
5"	-----
6"	CNG-600
8"	CNG-800

### Polypropylene NPT Thread

Hose Size	Part No.
1/2"	CNT-050-PP
3/4"	CNT-075-PP
1"	CNT-100-PP
1 1/4"	CNT-125-PP
1 1/2"	CNT-150-PP
2"	CNT-200-PP
2 1/2"	CNT-250-PP
3"	CNT-300-PP
4"	CNT-400-PP
5"	-----
6"	-----
8"	-----
10"	-----
12"	-----

**COMBINATION NIPPLES**



**Expander  
Plated Steel**

NPT Size	Hose Size	Part No.
3/4"	1"	CNT-075X100
1"	1 1/4"	CNT-100X125
1 1/4"	1 1/2"	CNT-125X150
1 1/2"	2"	CNT-150X200
2"	2 1/2"	CNT-200X250
2 1/2"	3"	CNT-250X300
3"	4"	CNT-300X400

**Reducer  
Plated Steel**

NPT Size	Hose Size	Part No.
1"	3/4"	CNT-100X075
1 1/4"	1"	CNT-125X100
1 1/2"	1 1/4"	CNT-150X125
2"	1 1/2"	CNT-200X150
2 1/2"	2"	CNT-250X200
3"	2 1/2"	CNT-300X250
4"	3"	CNT-400X300

**Beveled  
Black Steel**

Hose Size	Part No.
3/4"	CNB-075
1"	CNB-100
1 1/4"	CNB-125
1 1/2"	CNB-150
2"	CNB-200
2 1/2"	CNB-250
3"	CNB-300
4"	CNB-400
6"	CNB-600
8"	CNB-800

**Hose Menders  
Plated Steel**

Hose Size	Part No.
1/2"	HM-050
5/8"	HM-067
3/4"	HM-075
1"	HM-100
1 1/4"	HM-125
1 1/2"	HM-150
2"	HM-200
2 1/2"	HM-250
3"	HM-300
4"	HM-400
5"	HM-500
6"	HM-600
8"	HM-800
10"	HM-1000
12"	HM-1200

## SHORT SHANK COUPLINGS



**Aluminum with Brass Swivel Nut**

Hose Size	Part No.
1½"	CAB-150
2"	CAB-200
2½"	CAB-250
3"	CAB-300
4"	CAB-400
6"	CAB-600

**Brass**

Hose Size	Part No.
1½"	CBB-150
2"	CBB-200
2½"	CBB-250
3"	CBB-300
4"	-----
6"	-----

**Wrenches for Short Shanks**

Hose Size	Part No.
1½"	SW-15
2"	SW-20
2½"	SW-25
3"	SW-30
4"	SW-40

**Short Shank Washers**

Hose Size	Part No.
¾"	SSW-075
1"	SSW-100
1¼"	SSW-125
1½"	SSW-150
2"	SSW-200
2½"	SSW-250
3"	SSW-300
4"	SSW-400
6"	SSW-600

## FOOT VALVES



**Foot Valve Painted Malleable Iron**

Hose Size	Part No.
1½"	FV-150
2"	FV-200
2½"	FV-250
3"	FV-300
4"	FV-400
6"	FV-600



**Foot Valve Gaskets**

Hose Size	Part No.
1½"	FVG-150
2"	FVG-200
2½"	FVG-250
3"	FVG-300
4"	FVG-400
6"	FVG-600

**SUCTION HOSE STRAINERS**



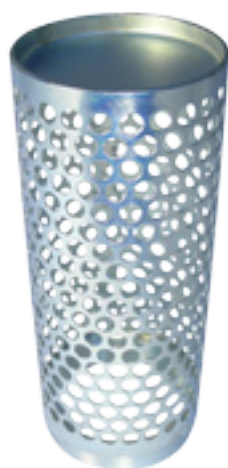
**Round Hole Strainer**

Hose Size	Part No.
1½"	RHS-150
2"	RHS-200
2½"	RHS-250
3"	RHS-300
4"	RHS-400
6"	RHS-600
8"	RHS-800



**Square Hole Strainer**

Hose Size	Part No.
1½"	SHS-150
2"	SHS-200
2½"	SHS-250
3"	SHS-300
4"	SHS-400
6"	SHS-600
8"	-----



**Long Hole Strainer**

Hose Size	Part No.
1½"	LHS-150
2"	LHS-200
2½"	LHS-250
3"	LHS-300
4"	LHS-400
6"	-----
8"	-----



**Polyethylene Hose Strainer**

Hose Size	Part No.
1½"	PHS-150
2"	PHS-200
3"	PHS-300



**Bottom Hole Strainer**

Hose Size	Part No.
1½"	BHS-150
2"	BHS-200
3"	BHS-300



**Top Hole Strainer**

Hose Size	Part No.
1½"	THS-150
2"	THS-200
3"	THS-300

## UNIVERSAL / CHICAGO COUPLINGS



### Hose End

Size	Part No.
3/8"	UH-038
1/2"	UH-050
3/4"	UH-075
1"	UH-100
1 1/4"	*UH-125
1 1/2"	*UH-150
2"	*UH-200

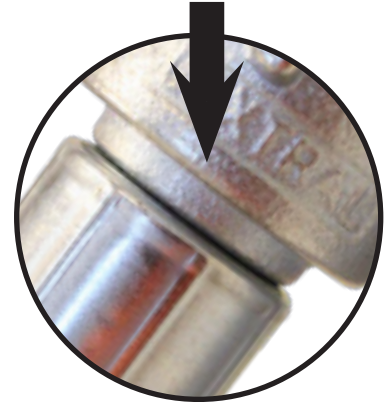
\* 4 Lug



### Hose End

Size	Part No.
3/4"	UH-075X

This coupling has an interlocking groove for a crimp ferrule and can also be used with two preform clamps.



### Male End

Size	Part No.
3/8"	UM-038
1/2"	UM-050
3/4"	UM-075
1"	UM-100



### Female End

Size	Part No.
3/8"	UF-038
1/2"	UF-050
3/4"	UF-075
1"	UF-100
1 1/4"	*UF-125
1 1/2"	*UF-150
2"	*UF-200

\* 4 Lug



### Triple Connector

Part No.
UT



### Gaskets & Safety Clips/Lanyards

Size	Part No.	Pkg.Qty.
2-Lug	UG-2BLK	50
2-Lug	UG-2BLUE (Blue-Oil Resistant)	50
4-Lug	UG-4 (4 Claw, Black)	1
	AC-1 (Safety Clip Only)	50
	ACL-8 (Lanyard Only)	50



### Blank End

Part No.
UB

## DIX-LOCK QUICK COUPLING



**Male Head with  
Hose Shank**

Size	Part No.
3/8"	QM-2
1/2"	QM-3
3/4"	QM-4
1/2"	QM-33*
3/4"	QM-44*

\*With locking nut.



**Male Head with  
Male NPT**

Size	Part No.
3/8"	QM-41
1/2"	QM-42
3/4"	QM-43
1/2"	QM-66*
3/4"	QM-88*

\*With locking nut.



**Male Head with  
Female NPT**

Size	Part No.
3/8"	QM-81
1/2"	QM-82
3/4"	QM-83



**Female  
Head with  
Hose Shank**

Size	Part No.
3/8"	QM-21
1/2"	QM-22
3/4"	QM-23



**Female Head  
with Male NPT**

Size	Part No.
3/8"	QM-61
1/2"	QM-62
3/4"	QM-63



**Female  
Head with  
Female NPT**

Size	Part No.
3/8"	QM-101
1/2"	QM-102
3/4"	QM-103



	Part No.
Gaskets	QBM-2

## THOR COUPLINGS



**Hose End with Locking Sleeve**

Size	Part No.
3/8"	PHL-6
1/2"	PHL-8
3/4"	PHL-12
1"	PHL-16



**Female End with Locking Sleeve**

Size	Part No.
1/2"	PFL-8
3/4"	PFL-12



**Male End with Locking Sleeve**

Size	Part No.
3/8"	PML-6
1/2"	PML-8
3/4"	PML-12



	Part No.
Gaskets	855206
Locking Key	855231

## AIR KING CLAMPS



Size	Range	Part No.
3/8"	44/64" to 56/64"	CD
1/2"	1" to 1 12/64"	A4
3/4"	1 8/64" to 1 20/64"	A9
1"	1 20/64" to 1 32/64"	A10
1"	1 32/64" to 1 52/64"	A14



## MINE HOSE FITTINGS



**Mining Stem**

Size	Part No.
1/2" x 1/2"	MHS-050-050
1/2" x 1"	MHS-050-100
3/4" x 1"	MHS-075-100
1" x 1"	MHS-100-100
1 1/4" x 1 1/4"	MHS-125-125
1 1/2" x 1 1/2"	MHS-150-150
2" x 2"	MHS-200-200



**Hex Nut**

Size	Part No.
1/2"	MHN-050
1"	MHN-100
1 1/4"	MHN-125
1 1/2"	MHN-150
2"	MHN-200



**Joiner**

Size	Part No.
1/2"	MHJ-050
3/4"	MHJ-075
1"	MHJ-100
1 1/4"	MHJ-125
1 1/2"	MHJ-150
2"	MHJ-200



**Wing Nut**

Size	Part No.
1"	MHWN-100



**Female Spud**

Female Thread	Male Thread	Part No.
3/8"	1"	MHFS-038-100
1/2"	1"	MHFS-050-100
3/4"	1"	MHFS-075-100
1"	1"	MHFS-100-100



**Male Spud**

Male Thread	Male Thread	Part No.
3/8"	1"	MHMS-038-100
1/2"	1"	MHMS-075-100

## GROUND JOINT COUPLINGS



**Female  
Hose Stem**

**Wing  
Nut**

**Female  
Spud**

**Male  
Spud**

**Double  
Spud**

**Male  
Stem**

**Hose  
Mender**

Size	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
1/2"	GJS-050	GJWN-050	GJFS-050	GJMS-050	GJDS-050	GJM-050	GJHM-050
3/4"	GJS-075	GJWN-100	GJFS-075	GJMS-075	GJDS-100	GJM-075	GJHM-075
1"	GJS-100	GJWN-100	GJFS-100	GJMS-100	GJDS-100	GJM-100	GJHM-100
1 1/4"	GJS-125	GJWN-150	GJFS-150	GJMS-150	GJDS-150	GJM-125	GJHM-125
1 1/2"	GJS-150	GJWN-150	GJFS-150	GJMS-150	GJDS-150	GJM-150	GJHM-150
2"	GJS-200	GJWN-200	GJFS-200	GJMS-200	GJDS-200	GJM-200	GJHM-200
2 1/2"	GJS-250	GJWN-250	GJFS-250	GJMS-250	GJDS-250	GJM-250	
3"	GJS-300	GJWN-300	GJFS-300	GJMS-300	GJDS-300	GJM-300	
4"	GJS-400	GJWN-400	GJFS-400			GJM-400	

## PREMIUM GROUND JOINT CLAMPS

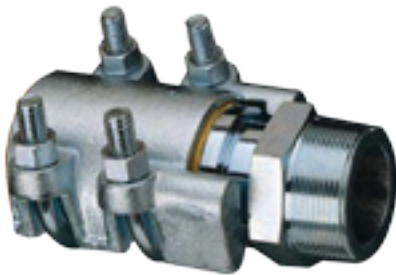
### FEATURES & BENEFITS

- 360° design wraps completely around hose for superior retention.
- Clamps fit hoses tightly without cracking, eliminating costly rework.
- Bolts on “up side” allow easier tightening / re-tightening and improve “dragability”.
- Field repairable.



### Single U Bolt

Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
1/2"	13/16"	1 1/32"	15	IC-2
3/4"	1 1/16"	1 1/4"	25	IC-3S
3/4"	1 3/32"	1 3/8"	25	IC-3



### Double U Bolt

Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
1"	1 5/16"	1 1/2"	25	IC-4
1"	1 1/2"	1 11/16"	25	IC-4L
1 1/4"	1 9/16"	2"	25	IC-5
1 1/2"	1 15/16"	2 3/16"	35	IC-6
1 1/2"	2 3/16"	2 3/8"	35	IC-6L
2"	2 11/32"	2 1/16"	55	IC-8
2"	2 1/16"	2 15/16"	55	IC-8L
2 1/2"	3"	3 9/32"	55	IC-10
2 1/2"	3 9/32"	3 9/16"	55	IC-10L



### Triple U Bolt

Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
3"	3 15/16"	3 3/4"	55	IC-12S
3"	3 1/16"	4 1/8"	55	IC-12
3"	4 1/16"	4 1/2"	55	IC-12L
4"	4 5/16"	4 3/4"	100	IC-16S
4"	4 11/16"	5 1/8"	100	IC-16
4"	5 1/16"	5 1/2"	100	IC-16L

## GROUND JOINT CLAMPS

### Traditional ground Joint Clamps



Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
1/4"	36/64"	42/64"	6	BD
3/8"	44/64"	56/64"	6	CD
1/2"	52/64"	60/64"	6	DD
1/2"	58/64"	1 2/64"	6	968
1/2"	60/64"	1 4/64"	12	B4
1/2"	1 4/64"	1 12/64"	12	B5
3/4"	1 10/64"	1 20/64"	21	BU9
3/4"	1 20/64"	1 32/64"	21	B9
3/4"	1 32/64"	1 44/64"	21	B10



Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
1"	1 26/64"	1 36/64"	21	156
1"	1 34/64"	1 46/64"	21	BU14
1"	1 44/64"	1 60/64"	21	B14
1"	1 60/64"	2 8/64"	21	B15
1 1/4"	1 32/64"	1 50/64"	40	BU18
1 1/4"	1 44/64"	1 56/64"	21	187
1 1/4"	1 50/64"	2 6/64"	40	BU19
1 1/4"	1 56/64"	2 4/64"	21	206
1 1/4"	2 8/64"	2 24/64"	40	B19
1 1/2"	1 52/64"	2"	40	BU22
1 1/2"	2"	2 14/64"	40	B22
1 1/2"	2"	2 8/64"	21	212
1 1/2"	2 4/64"	2 16/64"	40	225
1 1/2"	2 12/64"	2 24/64"	40	BU24
1 1/2"	2 24/64"	2 36/64"	40	B24
1 1/2"	2 36/64"	2 48/64"	40	B25

## GROUND JOINT CLAMPS (Continued)



Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
2"	2 <sup>16</sup> / <sub>64</sub> "	2 <sup>32</sup> / <sub>64</sub> "	40	250
2"	2 <sup>22</sup> / <sub>64</sub> "	2 <sup>34</sup> / <sub>64</sub> "	60	BU28
2"	2 <sup>32</sup> / <sub>64</sub> "	2 <sup>48</sup> / <sub>64</sub> "	40	275
2"	2 <sup>32</sup> / <sub>64</sub> "	2 <sup>50</sup> / <sub>64</sub> "	60	BU29
2"	2 <sup>48</sup> / <sub>64</sub> "	3 <sup>1</sup> / <sub>64</sub> "	60	B29
2"	2 <sup>48</sup> / <sub>64</sub> "	3 <sup>1</sup> / <sub>64</sub> "	60	306
2"	3 <sup>6</sup> / <sub>64</sub> "	3 <sup>28</sup> / <sub>64</sub> "	60	B30
2 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>64</sub> "	3 <sup>32</sup> / <sub>64</sub> "	60	350
2 <sup>1</sup> / <sub>2</sub> "	3 <sup>6</sup> / <sub>64</sub> "	3 <sup>28</sup> / <sub>64</sub> "	60	BU34
2 <sup>1</sup> / <sub>2</sub> "	3 <sup>32</sup> / <sub>64</sub> "	3 <sup>60</sup> / <sub>64</sub> "	150	B34
3"	3 <sup>32</sup> / <sub>64</sub> "	3 <sup>48</sup> / <sub>64</sub> "	60	375
3"	3 <sup>32</sup> / <sub>64</sub> "	3 <sup>60</sup> / <sub>64</sub> "	150	BU35
3"	3 <sup>48</sup> / <sub>64</sub> "	4"	150	401
3"	3 <sup>52</sup> / <sub>64</sub> "	4 <sup>1</sup> / <sub>64</sub> "	150	B35
3"	4"	4 <sup>12</sup> / <sub>64</sub> "	200	418
3"	4 <sup>1</sup> / <sub>64</sub> "	4 <sup>28</sup> / <sub>64</sub> "	200	B39
3"	4 <sup>12</sup> / <sub>64</sub> "	4 <sup>32</sup> / <sub>64</sub> "	200	450



Hose I.D.	Hose O.D. Min.	Hose O.D. Max.	Torque ft / lbs	Part No.
3"	4 <sup>16</sup> / <sub>64</sub> "	4 <sup>52</sup> / <sub>64</sub> "	150	BS39
4"	4 <sup>40</sup> / <sub>64</sub> "	5"	150	B45
4"	4 <sup>56</sup> / <sub>64</sub> "	5 <sup>16</sup> / <sub>64</sub> "	200	BS49
4"	5 <sup>16</sup> / <sub>64</sub> "	5 <sup>38</sup> / <sub>64</sub> "	200	BU49
4"	5 <sup>34</sup> / <sub>64</sub> "	5 <sup>60</sup> / <sub>64</sub> "	200	B49
6"	6 <sup>56</sup> / <sub>64</sub> "	7 <sup>24</sup> / <sub>64</sub> "	200	750
6"	7 <sup>32</sup> / <sub>64</sub> "	8"	200	850

**Safety Alert**

\* The bolts used in the Boss interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is not recommended that the bolts or clamps are reused, as they are designed for a single bend only. We recommend using only factory supplied replacement bolts.

\* Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. Do not lubricate nuts and bolts.

## SANDBLAST COUPLINGS



### Aluminum

Size	Hose O.D.	Part No.
1/2"	1.08	SQC-050AL
3/4"	1.50	SQC-075AL
1"	1.88	SQC-100AL
1 1/4"	2.16	SQC-125AL
1 1/2"	2.38	SQC-150AL
2"	2.88	SQC-200AL

### Brass

Size	Hose O.D.	Part No.
3/4"	1.50	SQC-075BR
1"	1.88	SQC-100BR
1 1/4"	2.16	SQC-125BR
1 1/2"	2.38	SQC-150BR
2"	2.88	SQC-200BR

\*Available in hard plastic.

## NOZZLE HOLDER



### Aluminum

Size	Hose O.D.	Part No.
1/2"	1.08	SNH-050AL
3/4"	1.50	SNH-075AL
1"	1.88	SNH-100AL
1 1/4"	2.16	SNH-125AL
1 1/2"	2.38	SNH-150AL
2"	2.88	SNH-200AL

### Brass

Size	Hose O.D.	Part No.
3/4"	1.50	SNH-075BR
1"	1.88	SNH-100BR
1 1/4"	2.16	SNH-125BR
1 1/2"	2.38	SNH-150BR
2"	2.88	SNH-200BR

\*Available in hard plastic.

## THREADED TANK ADAPTER



### Aluminum

Size	Hose O.D.	Part No.
1 1/4"	2.16	STA-125AL
1 1/2"	2.38	STA-150AL

### Brass

Size	Hose O.D.	Part No.
1 1/4"	2.16	STA-125BR
1 1/2"	2.38	STA-150BR



### Washer

Part No.
SW

**COMPOSITE FIXED FLANGES**

**CARBON STEEL  
FIXED FLANGE**



Hose Size	Part Number
3/4"	CPFF-075-PS
1"	CPFF-100-PS
1 1/4"	CPFF-125-PS
1 1/2"	CPFF-150-PS
2"	CPFF-200-PS
2 1/2"	CPFF-250-PS
3"	CPFF-300-PS
4"	CPFF-400-PS
6"	CPFF-600-PS
8"	CPFF-800-PS
10"	CPFF-1000-PS
12"	CPFF-1200-PS

**304 STAINLESS  
STEEL FIXED FLANGE**



Hose Size	Part Number
3/4"	CPFF-075-SS304
1"	CPFF-100-SS304
1 1/4"	CPFF-125-SS304
1 1/2"	CPFF-150-SS304
2"	CPFF-200-SS304
2 1/2"	CPFF-250-SS304
3"	CPFF-300-SS304
4"	CPFF-400-SS304
6"	CPFF-600-SS304
8"	CPFF-800-SS304
10"	CPFF-1000-SS304
12"	CPFF-1200-SS304

**316 STAINLESS  
STEEL FIXED FLANGE**



Hose Size	Part Number
3/4"	CPFF-075-SS316
1"	CPFF-100-SS316
1 1/4"	CPFF-125-SS316
1 1/2"	CPFF-150-SS316
2"	CPFF-200-SS316
2 1/2"	CPFF-250-SS316
3"	CPFF-300-SS316
4"	CPFF-400-SS316
6"	CPFF-600-SS316
8"	CPFF-800-SS316
10"	CPFF-1000-SS316
12"	CPFF-1200-SS316



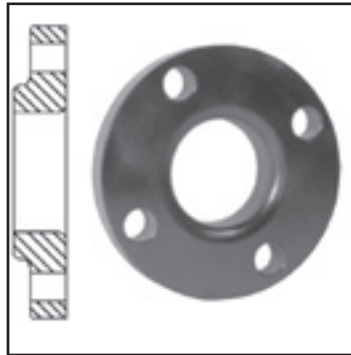
## COMPOSITE TURN BACK AND FLOATING FLANGES



Also Available in Stainless Steel.

### STEEL TURN BACK

Hose Size	Part Number
3/4"	CPTB-075-PS
1"	CPTB-100-PS
1 1/4"	CPTB-125-PS
1 1/2"	CPTB-150-PS
2"	CPTB-200-PS
2 1/2"	CPTB-250-PS
3"	CPTB-300-PS
4"	CPTB-400-PS
6"	CPTB-600-PS
8"	CPTB-800-PS
10"	CPTB-1000-PS
12"	CPTB-1200-PS



Also Available in Stainless Steel.  
All alloys are also available in 300 ASA

### STEEL 150 ASA FLOATING LAP JOINT FLANGE FOR TURN BACK

Hose Size	Part Number
1 1/2"	FLLJ150-150-PS
2"	FLLJ150-200-PS
2 1/2"	FLLJ150-250-PS
3"	FLLJ150-300-PS
4"	FLLJ150-400-PS
6"	FLLJ150-600-PS
8"	FLLJ150-800-PS
10"	FLLJ150-1000-PS
12"	FLLJ150-1200-PS

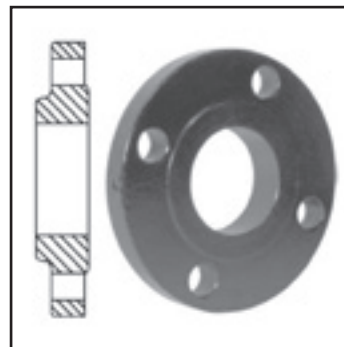
## COMPOSITE FLANGES



Also Available in Stainless Steel.  
All alloys are also available in 300 ASA

### STEEL 150 ASA THREADED FLANGE

Hose Size	Part Number
1 1/2"	FLT150-150-PS
2"	FLT150-200-PS
2 1/2"	FLT150-250-PS
3"	FLT150-300-PS
4"	FLT150-400-PS
6"	FLT150-600-PS
8"	FLT150-800-PS
10"	FLT150-1000-PS
12"	FLT150-1200-PS



Also Available in Stainless Steel.  
All alloys are also available in 300 ASA

### STEEL 150 ASA SLIP ON FLANGE FOR WELD END

Hose Size	Part Number
1 1/2"	FLS150-150-PS
2"	FLS150-200-PS
2 1/2"	FLS150-250-PS
3"	FLS150-300-PS
4"	FLS150-400-PS
6"	FLS150-600-PS
8"	FLS150-800-PS
10"	FLS150-1000-PS
12"	FLS150-1200-PS

**COMPOSITE MALE NPT ENDS**



**CARBON STEEL  
MALE NPT**

Hose Size	Part Number
3/4"	CPT-075-PS
1"	CPT-100-PS
1 1/4"	CPT-125-PS
1 1/2"	CPT-150-PS
2"	CPT-200-PS
2 1/2"	CPT-250-PS
3"	CPT-300-PS
4"	CPT-400-PS
6"	CPT-600-PS



**304 STAINLESS  
STEEL MALE NPT**

Hose Size	Part Number
3/4"	CPT-075-SS304
1"	CPT-100-SS304
1 1/4"	CPT-125-SS304
1 1/2"	CPT-150-SS304
2"	CPT-200-SS304
2 1/2"	CPT-250-SS304
3"	CPT-300-SS304
4"	CPT-400-SS304
6"	CPT-600-SS304



**316 STAINLESS  
STEEL MALE NPT**

Hose Size	Part Number
3/4"	CPT-075-SS316
1"	CPT-100-SS316
1 1/4"	CPT-125-SS316
1 1/2"	CPT-150-SS316
2"	CPT-200-SS316
2 1/2"	CPT-250-SS316
3"	CPT-300-SS316
4"	CPT-400-SS316
6"	CPT-600-SS316



**ALUMINUM  
MALE NPT**

Hose Size	Part Number
3/4"	CPT-075-AL
1"	CPT-100-AL
1 1/4"	CPT-125-AL
1 1/2"	CPT-150-AL
2"	CPT-200-AL
2 1/2"	CPT-250-AL
3"	CPT-300-AL
4"	CPT-400-AL



**POLYPROPYLENE  
MALE NPT**

Hose Size	Part Number
3/4"	CPT-075-PP
1"	CPT-100-PP
1 1/4"	CPT-125-PP
1 1/2"	CPT-150-PP
2"	CPT-200-PP
2 1/2"	CPT-250-PP
3"	CPT-300-PP
4"	CPT-400-PP

## COMPOSITE FEMALE CAMLOCKS



**STAINLESS STEEL FEMALE CAMLOCK**

Hose Size	Part Number
1 1/2"	CPSS-C150
2"	CPSS-C200
2 1/2"	CPSS-C250
3"	CPSS-C300
4"	CPSS-C400



**ALUMINUM FEMALE CAMLOCK**

Hose Size	Part Number
1 1/2"	CPAL-C150
2"	CPAL-C200
2 1/2"	CPAL-C250
3"	CPAL-C300
4"	CPAL-C400

## COMPOSITE MALE CAMLOCKS



**STAINLESS STEEL MALE CAMLOCK**

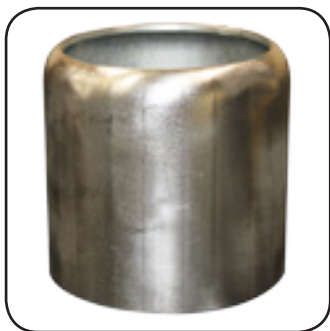
Hose Size	Part Number
1 1/2"	CPSS-E150
2"	CPSS-E200
2 1/2"	CPSS-E250
3"	CPSS-E300
4"	CPSS-E400



**ALUMINUM MALE CAMLOCK**

Hose Size	Part Number
1 1/2"	CPAL-E150
2"	CPAL-E200
2 1/2"	CPAL-E250
3"	CPAL-E300
4"	CPAL-E400

## COMPOSITE FERRULES



**STAINLESS STEEL FERRULES**

Hose Size	Part Number
3/4"	CPF-075-SS
1"	CPF-100-SS
1 1/4"	CPF-125-SS
1 1/2"	CPF-150-SS
2"	CPF-200-SS
2 1/2"	CPF-250-SS
3"	CPF-300-SS
4"	CPF-400-SS
6"	CPF-600-SS
8"	CPF-800-SS
10"	CPF-1000-SS

**MILD STEEL FERRULES**

Hose Size	Part Number
1 1/2"	CPF-150-PS
2"	CPF-200-PS
2 1/2"	CPF-250-PS
3"	CPF-300-PS
4"	CPF-400-PS
6"	CPF-600-PS
8"	CPF-800-PS
10"	CPF-1000-PS
12"	CPF-1200-PS

**ALUMINUM FERRULES**

Hose Size	Part Number
2"	CPF-200-AL
2 1/2"	CPF-250-AL
3"	CPF-300-AL
4"	CPF-400-AL

**COMPOSITE GASKETS**

**NBR GASKETS**



Hose Size	Part Number
1"	CPS-100-NR
1 1/2"	CPS-150-NR
2"	CPS-200-NR
2 1/2"	CPS-250-NR
3"	CPS-300-NR
4"	CPS-400-NR
6"	CPS-600-NR
8"	CPS-800-NR



**EPDM GASKETS**

Hose Size	Part Number
3/4"	CPS-075-EP
1"	CPS-100-EP
1 1/4"	CPS-125-EP
1 1/2"	CPS-150-EP
2"	CPS-200-EP
2 1/2"	CPS-250-EP
3"	CPS-300-EP
4"	CPS-400-EP
6"	CPS-600-EP
8"	CPS-800-EP

**VITON GASKETS**



Hose Size	Part Number
3/4"	CPS-075-VI
1"	CPS-100-VI
1 1/4"	CPS-125-VI
1 1/2"	CPS-150-VI
2"	CPS-200-VI
2 1/2"	CPS-250-VI
3"	CPS-300-VI
4"	CPS-400-VI
6"	CPS-600-VI
8"	CPS-800-VI

## ANTI-ABRASION COLLAR AND HOSE SUSPENSION SADDLE



This new revolutionary patented product combines both:

- Hose protection against abrasion
- Hose handling support, to properly suspend the hose with the right bending radius, eliminating kinking, cutting or any type of hose damage in general.

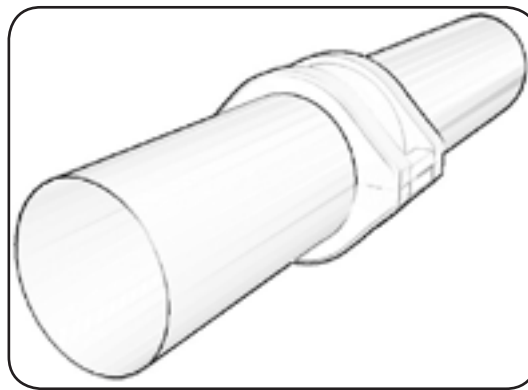
An appropriate sling is used in a chocker hitch position to eliminate hose slippage. These collars have been tested to reduce abrasion damage to the hose when they are in direct contact with the floor and to lift it or move when necessary. These collars providing the right support and eliminating the risk of hose damage.

Anti-abrasion collars are made from abrasion and shock resistant polyurethane or black PLT, and can be strategically placed to prevent hose contact with the floor. These rings are manufactured in two halves and can be easily mounted on-site with stainless steel bolts and nuts. This product will help prolong hose life and increase the safety.



### Anti-Scuffing Ring

Hose Size	Part Number
2"	CP-ASR-200
2 1/2"	CP-ASR-250
3"	CP-ASR-300
4"	CP-ASR-400
6"	CP-ASR-600
8"	CP-ASR-800
10"	CP-ASR-1000



## BALL VALVES



### Brass - Full Port

Size	Part No.	W.P. PSI
1/4"	BV-025BRN	600
3/8"	BV-038BRN	600
1/2"	BV-050BRN	600
3/4"	BV-075BRN	600
1"	BV-100BRN	600
1 1/4"	BV-125BRN	600
1 1/2"	BV-150BRN	600
2"	BV-200BRN	600
2 1/2"	BV-250BRN	400
3"	BV-300BRN	400
4"	BV-400BRN	400



### Brass - Full Port - CSA

Size	Part No.	W.P. PSI
1/4"	BV-025BRN-CSA	600
3/8"	BV-038BRN-CSA	600
1/2"	BV-050BRN-CSA	600
3/4"	BV-075BRN-CSA	600
1"	BV-100BRN-CSA	600
1 1/4"	BV-125BRN-CSA	600
1 1/2"	BV-150BRN-CSA	600
2"	BV-200BRN-CSA	600



### Stainless Steel - Full Port

Size	Part No.	W.P. PSI
1/4"	BV-025SSN	1000
3/8"	BV-038SSN	1000
1/2"	BV-050SSN	1000
3/4"	BV-075SSN	1000
1"	BV-100SSN	1000
1 1/4"	BV-125SSN	1000
1 1/2"	BV-150SSN	1000
2"	BV-200SSN	1000
3"	BV-300SSN	1000



### Polypropylene - Full Port

Size	Part No.	W.P. PSI
1 1/4"	BV-125PPN	150
1 1/2"	BV-150PPN	150
2"	BV-200PPN	150

\*Available in higher working pressure upon request.



### High Pressure Ball Valves (NPT Thread)

Size	Part No.	W.P. PSI
1/4"	BV-025HPN	7250
3/8"	BV-038HPN	7250
1/2"	BV-050HPN	7250
3/4"	BV-075HPN	5800
1"	BV-100HPN	5800
1 1/4"	BV-125HPN	5000
1 1/2"	BV-150HPN	5000
2"	BV-200HPN	5000



### High Pressure Ball Valve (SAE Thread)

Size	Part No.	W.P. PSI
1/4"	BV-025HPSAE	7250
3/8"	BV-038HPSAE	7250
1/2"	BV-050HPSAE	7250
3/4"	BV-075HPSAE	5800
1"	BV-100HPSAE	5800
1 1/4"	BV-125HPSAE	5000
1 1/2"	BV-150HPSAE	5000
2"	BV-200HPSAE	5000



## LEVER OR STEM GATE VALVES



Handle Included



Handle not Included

### Lever Gate Valve

Part No.	Size (Inches)
LGV-200BR	2"
LGV-300BR	3"
LGV-400BR	4"

### Lever Gate Valve Handle

Part No.	Size (Inches)
LGV-200H	2"
LGV-300H	3"
LGV-400H	4"

### Stem Gate Valve

Part No.	Size (Inches)
SGV-400BR	4"
SGV-600BR	6"

### Stem Gate Valve Handle

Part No.	Size (Inches)
SGV-400H	4"
SGV-600H	6"

## BRASS CHECK VALVES



Part No.	Size (Inches)
CVA-050BR	1/2"
CVA-075BR	3/4"
CVA-100BR	1"
CVA-125BR	1 1/4"
CVA-150BR	1 1/2"
CVA-200BR	2"
CVA-300BR	3"

## BRASS GATE VALVES



Part No.	Size (Inches)
GVA-025BR	1/4"
GVA-038BR	3/8"
GVA-050BR	1/2"
GVA-075BR	3/4"
GVA-100BR	1"
GVA-125BR	1 1/4"
GVA-150BR	1 1/2"
GVA-200BR	2"
GVA-300BR	3"
GVA-400BR	4"



**SPIRAL BOLT CLAMPS**



**Clockwise /  
Right Hand**

Part No.	Hose I.D.
SBC-200	2"
SBC-250	2½"
SBC-300	3"
SBC-400	4"
SBC-500	5"
SBC-600	6"
SBC-800	8"
SBC-1000	10"

**Counterclockwise  
/ Left Hand**

Part No.	Hose I.D.
SBCK-200	2"
SBCK-250	2½"
SBCK-300	3"
SBCK-400	4"
SBCK-500	5"
SBCK-600	6"
SBCK-800	8"
SBCK-1000	10"

**DOUBLE BOLT CLAMPS**



Part No.	From O.D.	To O.D.
DBC-400	3½"	4"
DBC-463	4 <sup>1</sup> / <sub>16</sub> "	4 <sup>7</sup> / <sub>16</sub> "
DBC-525	4 <sup>7</sup> / <sub>16</sub> "	5"
DBC-550	5"	5½"
DBC-600	5½"	6 <sup>1</sup> / <sub>16</sub> "
DBC-675	6 <sup>1</sup> / <sub>8</sub> "	6 <sup>7</sup> / <sub>8</sub> "
DBC-769	6 <sup>15</sup> / <sub>16</sub> "	7 <sup>5</sup> / <sub>8</sub> "
DBC-818	7 <sup>1</sup> / <sub>16</sub> "	8 <sup>3</sup> / <sub>16</sub> "
DBC-875	8¼"	8 <sup>7</sup> / <sub>8</sub> "
DBC-988	8 <sup>15</sup> / <sub>16</sub> "	9 <sup>7</sup> / <sub>8</sub> "
DBC-1125	9 <sup>15</sup> / <sub>16</sub> "	11 <sup>3</sup> / <sub>8</sub> "
DBC-1275	11 <sup>3</sup> / <sub>8</sub> "	13"

## PREFORMED PUNCH-TYPE CLAMPS

Made to slide on hose before tightening. Double wrapped and formed to a given diameter size. To order, measure the outside diameter of the hose with its fitting inserted. Then select the next larger clamp diameter.



### Stainless Steel

Part No.	Band Width	Clamp ID	Standard Package
P-3SS	3/8"	13/16	100
P-311SS	3/8"	1 3/8	100
P-4SS	5/8"	1	100
P-5SS	5/8"	1 1/4	100
P-6SS	5/8"	1 1/2	100
P-7SS	5/8"	1 3/4	100
P-8SS	5/8"	2	100
P-9SS	5/8"	2 1/4	100
P-10SS	5/8"	2 1/2	50
P-11SS	5/8"	2 3/4	50
P-12SS	5/8"	3	50
P-14SS	5/8"	3 1/2	50
P-16SS	5/8"	4	50
P-18SS	5/8"	4 1/2	25
P-20SS	5/8"	5	25
P-24SS	5/8"	6	25
P-28SS	5/8"	7	25
P-32SS	5/8"	8	25

### Galvanized Carbon Steel

Part No.	Band Width	Clamp ID	Standard Package
P-3	3/8"	13/16	100
P-311	3/8"	1 3/8	100
P-4	5/8"	1	100
P-5	5/8"	1 1/4	100
P-6	5/8"	1 1/2	100
P-7	5/8"	1 3/4	100
P-8	5/8"	2	100
P-9	5/8"	2 1/4	100
P-10	5/8"	2 1/2	50
P-11	5/8"	2 3/4	50
P-12	5/8"	3	50
P-14	5/8"	3 1/2	50
P-16	5/8"	4	50
P-18	5/8"	4 1/2	25
P-20	5/8"	5	25
P-24	5/8"	6	25
P-28	5/8"	7	25
P-32	5/8"	8	25

## HEAVY DUTY T-BOLT CLAMPS



Band & Housing is stainless steel  
T-Bolt & Nut are zinc plated steel

Part No.	Range (mm)	Range (Inch)	Torque(*) lbf-in
W2-17-19	17 - 19	1 <sup>1</sup> / <sub>16</sub> - 3 <sup>1</sup> / <sub>4</sub>	62
W2-19-21	19 - 21	3 <sup>1</sup> / <sub>4</sub> - 1 <sup>3</sup> / <sub>16</sub>	62
W2-21-23	21 - 23	1 <sup>3</sup> / <sub>16</sub> - 2 <sup>9</sup> / <sub>32</sub>	62
W2-23-25	23 - 25	2 <sup>9</sup> / <sub>32</sub> - 1	62
W2-25-27	25 - 27	1 - 1 <sup>1</sup> / <sub>16</sub>	62
W2-27-29	27 - 29	1 <sup>1</sup> / <sub>16</sub> - 1 <sup>5</sup> / <sub>32</sub>	62
W2-29-31	29 - 31	1 <sup>5</sup> / <sub>32</sub> - 1 <sup>7</sup> / <sub>32</sub>	142
W2-31-34	31 - 34	1 <sup>7</sup> / <sub>32</sub> - 1 <sup>5</sup> / <sub>16</sub>	142
W2-34-37	34 - 37	1 <sup>5</sup> / <sub>16</sub> - 1 <sup>7</sup> / <sub>16</sub>	142
W2-37-40	37 - 40	1 <sup>7</sup> / <sub>16</sub> - 1 <sup>9</sup> / <sub>16</sub>	142
W2-40-43	40 - 43	1 <sup>9</sup> / <sub>16</sub> - 1 <sup>11</sup> / <sub>16</sub>	142
W2-43-47	43 - 47	1 <sup>11</sup> / <sub>16</sub> - 1 <sup>27</sup> / <sub>32</sub>	142
W2-47-51	47 - 51	1 <sup>27</sup> / <sub>32</sub> - 2	142
W2-51-55	51 - 55	2 - 2 <sup>5</sup> / <sub>32</sub>	142
W2-55-59	55 - 59	2 <sup>5</sup> / <sub>32</sub> - 2 <sup>5</sup> / <sub>16</sub>	142
W2-59-63	59 - 63	2 <sup>5</sup> / <sub>16</sub> - 2 <sup>15</sup> / <sub>32</sub>	142
W2-63-68	63 - 68	2 <sup>15</sup> / <sub>32</sub> - 2 <sup>1</sup> / <sub>16</sub>	142
W2-68-73	68 - 73	2 <sup>1</sup> / <sub>16</sub> - 2 <sup>7</sup> / <sub>8</sub>	221
W2-73-79	73 - 79	2 <sup>7</sup> / <sub>8</sub> - 3 <sup>3</sup> / <sub>32</sub>	221
W2-79-85	79 - 85	3 <sup>3</sup> / <sub>32</sub> - 3 <sup>5</sup> / <sub>16</sub>	221
W2-85-91	85 - 91	3 <sup>5</sup> / <sub>16</sub> - 3 <sup>9</sup> / <sub>16</sub>	221
W2-91-97	91 - 97	3 <sup>9</sup> / <sub>16</sub> - 3 <sup>13</sup> / <sub>16</sub>	221
W2-97-104	97 - 104	3 <sup>13</sup> / <sub>16</sub> - 4 <sup>3</sup> / <sub>32</sub>	221
W2-104-112	104 - 112	4 <sup>3</sup> / <sub>32</sub> - 4 <sup>3</sup> / <sub>8</sub>	221
W2-112-121	112 - 121	4 <sup>3</sup> / <sub>8</sub> - 4 <sup>3</sup> / <sub>4</sub>	221
W2-121-130	121 - 130	4 <sup>3</sup> / <sub>4</sub> - 5 <sup>1</sup> / <sub>8</sub>	221
W2-130-140	130 - 140	5 <sup>1</sup> / <sub>8</sub> - 5 <sup>1</sup> / <sub>2</sub>	443
W2-140-150	140 - 150	5 <sup>1</sup> / <sub>2</sub> - 5 <sup>7</sup> / <sub>8</sub>	443
W2-150-162	150 - 162	5 <sup>7</sup> / <sub>8</sub> - 6 <sup>3</sup> / <sub>8</sub>	443
W2-162-174	162 - 174	6 <sup>3</sup> / <sub>8</sub> - 6 <sup>7</sup> / <sub>8</sub>	443
W2-174-187	174 - 187	6 <sup>7</sup> / <sub>8</sub> - 7 <sup>3</sup> / <sub>8</sub>	443
W2-187-200	187 - 200	7 <sup>3</sup> / <sub>8</sub> - 7 <sup>7</sup> / <sub>8</sub>	443
W2-200-213	200 - 213	7 <sup>7</sup> / <sub>8</sub> - 8 <sup>3</sup> / <sub>8</sub>	443
W2-213-226	213 - 226	8 <sup>3</sup> / <sub>8</sub> - 8 <sup>7</sup> / <sub>8</sub>	443
W2-226-239	226 - 239	8 <sup>7</sup> / <sub>8</sub> - 9 <sup>3</sup> / <sub>8</sub>	443
W2-239-252	239 - 252	9 <sup>3</sup> / <sub>8</sub> - 9 <sup>7</sup> / <sub>8</sub>	443
W2-252-265	252 - 265	9 <sup>15</sup> / <sub>16</sub> - 10 <sup>1</sup> / <sub>16</sub>	443
W2-265-278	265 - 278	10 <sup>7</sup> / <sub>16</sub> - 10 <sup>29</sup> / <sub>32</sub>	443
W2-317-330	317 - 330	12 <sup>7</sup> / <sub>16</sub> - 13	443
W2-DISPLAY-01	20" X 30"	W2 DISPLAY	--

## MICRO GEAR CLAMPS

The Micro Clamp holds tough in tight spots. Narrow and compact, it's easy to install in confined areas. For marine, agricultural, industrial, and automotive uses.



### Stainless steel with plated steel screw

Part No.	From I.D.	From I.D.
GCM-04	7/32"	7/32"
GCM-06	7/16"	7/16"
GCM-08	1/2"	1/2"
GCM-10	9/16"	9/16"
GCM-12	11/16"	11/16"

### All stainless steel

Part No.	From I.D.	To O.D.
GCMS-04	7/32"	5/8"
GCMS-06	7/16"	7/8"
GCMS-08	1/2"	29/32"
GCMS-10	9/16"	1/16"
GCMS-12	11/16"	1 1/4"

## WORM GEAR CLAMPS

The 1/2" (12.5mm) band clamps are the workhorse of the industry, designed to meet the requirements of a wide variety of clamping situations. A general purpose clamp for automobiles, plumbing, home, and garden general clamping applications, with anti-corrosive properties varying with the number of components made from stainless steel.

### Stainless steel with plated steel screw

Part No.	From I.D.	To O.D.
GC-06	3/8"	7/8"
GC-08	7/16"	1"
GC-10	9/16"	1 1/16"
GC-12	9/16"	1 1/4"
GC-16	1 1/16"	1 1/2"
GC-20	3/4"	1 3/4"
GC-24	1 1/16"	2"
GC-28	1 5/16"	2 1/4"
GC-32	1 9/16"	2 1/2"
GC-36	1 13/16"	2 3/4"
GC-40	2 1/16"	3"
GC-44	2 5/16"	3 1/4"
GC-48	2 9/16"	3 1/2"
GC-52	2 13/16"	3 3/4"
GC-56	3 1/16"	4"
GC-60	3 5/16"	4 1/4"
GC-64	3 9/16"	4 1/2"
GC-72	4 1/8"	5"
GC-84	4 15/16"	5 3/4"
GC-88	4 3/16"	6"
GC-96	4 1/2"	6 7/16"
GC-104	5"	7"



Part No.	From I.D.	To O.D.
GC-128	6 1/2"	8 1/2"
GC-152	8 1/8"	10"
GC-188	10 7/16"	12 1/4"
GC-200	11"	13"
GC-212	11 3/4"	13 3/4"
GC-224	12 1/2"	14 1/2"
GC-236	13 1/4"	15 1/4"
GC-248	14"	16"
GC-312	18"	20"
GC-390	22 7/8"	24 7/8"

## WORM GEAR CLAMPS

The 1/2" (12.5mm) band clamps are the workhorse of the industry, designed to meet the requirements of a wide variety of clamping situations. A general purpose clamp for automobiles, plumbing, home, and garden general clamping applications, with anti-corrosive properties varying with the number of components made from stainless steel.



### All Stainless Steel

Part No.	From I.D.	To I.D.
GCS-06	5/16"	7/8"
GCS-08	7/16"	1"
GCS-10	9/16"	1 1/16"
GCS-12	9/16"	1 1/4"
GCS-16	1 1/16"	1 1/2"
GCS-20	3/4"	1 3/4"
GCS-24	1 1/16"	2"
GCS-28	1 5/16"	2 1/4"
GCS-32	1 9/16"	2 1/2"
GCS-36	1 13/16"	2 3/4"
GCS-40	2 1/16"	3"
GCS-44	2 5/16"	3 1/4"
GCS-48	2 9/16"	3 1/2"
GCS-52	2 13/16"	3 3/4"
GCS-56	3 1/16"	4"
GCS-60	3 5/16"	4 1/4"
GCS-64	3 9/16"	4 1/2"
GCS-72	4 1/8"	5"
GCS-84	4 15/16"	5 3/4"
GCS-88	4 3/16"	6"
GCS-96	4 1/2"	6 7/16"
GCS-104	5"	7"
GCS-125	6 1/2"	8 1/2"
GCS-152	8 1/8"	10"
GCS-188	10 7/16"	12 1/4"
GCS-200	11"	13"
GCS-212	11 3/4"	13 3/4"
GCS-224	12 1/2"	14 1/2"
GCS-236	13 1/4"	15 1/4"
GCS-248	14"	16"
GCS-312	18"	20"
GCS-390	22 7/8"	24 7/8"

## IDEAL WAVE CLAMP

The Ideal Wave clamps utilize a patented wave ring technology that self-adjusts automatically as thermal cycling occurs. It expands and contracts as the sealed joint changes, maintaining a constant, steady pressure 360 degrees around the connection. This produces a sealing o-ring effect that prevents leakage.



### All Stainless Steel

Part No.	Range (Inch)
GCWC-0016	$1\frac{3}{16}$ - $1\frac{19}{64}$
GCWC-0019	$1\frac{1}{16}$ - $1\frac{3}{8}$
GCWC-0020	1 - $1\frac{9}{16}$
GCWC-0022	$1\frac{1}{8}$ - $1\frac{11}{16}$
GCWC-0024	$1\frac{3}{16}$ - $1\frac{13}{16}$
GCWC-0028	$1\frac{5}{16}$ - $2\frac{1}{16}$
GCWC-0032	$1\frac{9}{16}$ - $2\frac{5}{16}$
GCWC-0034	$1\frac{5}{8}$ - $2\frac{7}{16}$
GCWC-0036	$1\frac{11}{16}$ - $2\frac{9}{16}$
GCWC-0040	$1\frac{13}{16}$ - $2\frac{13}{16}$
GCWC-0044	$2\frac{1}{16}$ - $3\frac{1}{16}$
GCWC-0048	$2\frac{3}{16}$ - $3\frac{5}{16}$
GCWC-0052	$2\frac{3}{8}$ - $3\frac{9}{16}$
GCWC-0056	$2\frac{1}{2}$ - $3\frac{13}{16}$
GCWC-0060	$2\frac{11}{16}$ - $4\frac{1}{16}$
GCWC-0064	$2\frac{13}{16}$ - $4\frac{5}{16}$
GCWC-0072	$3\frac{3}{16}$ - $4\frac{13}{16}$
GCWC-0080	$3\frac{9}{16}$ - $5\frac{5}{16}$
GCWC-0088	$3\frac{13}{16}$ - $5\frac{13}{16}$

## QUICK RELEASE CLAMP

The 1/2" (12.5mm) quick release worm drive clamps are the workhorse of the industry, designed to meet the requirements of a wide variety of clamping situations where the clamp must be disengaged to be applied. The swivel-action locking of screw to band makes installation and removal much quicker. A general purpose clamp with anti-corrosive properties varying with the number of components made from stainless steel.

### Stainless steel with plated carbon steel screw



Part No.	From I.D.	To I.D.
GCQR-12	1/2"	1 1/4"
GCQR-20	3/4"	1 3/4"
GCQR-24	1"	2"
GCQR-28	1"	2 1/4"
GCQR-36	1"	2 3/4"
GCQR-48	1 1/2"	3 1/2"
GCQR-56	1"	4"
GCQR-72	2"	5"
GCQR-88	2"	6"
GCQR-104	2 7/8"	7"
GCQR-116	1 3/4"	7 3/4"
GCQR-128	2 1/4"	8 1/2"
GCQR-136	1 3/4"	9"
GCQR-152	2"	10"
GCQR-188	2"	12 1/4"



## INDUSTRIAL INTERCHANGE (D SERIES)



Body Size	Male NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/8"	300	36	QADN04-02-MP	--	--
1/4"	1/4"	300	36	QADN04-04-MP	QADC04-04-MP-BR	QADC04-04-MP-A-BR
1/4"	3/8"	300	36	QADN04-06-MP	QADC04-06-MP-BR	QADC04-06-MP-A-BR
3/8"	1/4"	300	68	QADN06-04-MP	QADC06-04-MP-BR	QADC06-04-MP-A-BR
3/8"	3/8"	300	68	QADN06-06-MP	QADC06-06-MP-BR	QADC06-06-MP-A-BR
3/8"	1/2"	300	68	QADN06-08-MP	QADC06-08-MP-BR	QADC06-08-MP-A-BR
1/2"	3/8"	300	118	QADN08-06-MP	QADC08-06-MP-BR	QADC08-06-MP-A-BR
1/2"	1/2"	300	118	QADN08-08-MP	QADC08-08-MP-BR	QADC08-08-MP-A-BR
1/2"	3/4"	300	118	QADN08-12-MP	QADC08-12-MP-BR	QADC08-12-MP-A-BR



Body Size	Female NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/8"	300	36	QADN04-02-FP	--	--
1/4"	1/4"	300	36	QADN04-04-FP	QADC04-04-FP-BR	QADC04-04-FP-A-BR
1/4"	3/8"	300	36	QADN04-06-FP	QADC04-06-FP-BR	QADC04-06-FP-A-BR
3/8"	1/4"	300	68	QADN06-04-FP	QADC06-04-FP-BR	QADC06-04-FP-A-BR
3/8"	3/8"	300	68	QADN06-06-FP	QADC06-06-FP-BR	QADC06-06-FP-A-BR
3/8"	1/2"	300	68	QADN06-08-FP	QADC06-08-FP-BR	QADC06-08-FP-A-BR
1/2"	3/8"	300	118	QADN08-06-FP	QADC08-06-FP-BR	QADC08-06-FP-A-BR
1/2"	1/2"	300	118	QADN08-08-FP	QADC08-08-FP-BR	QADC08-08-FP-A-BR
1/2"	3/4"	300	118	QADN08-12-FP	QADC08-12-FP-BR	QADC08-12-FP-A-BR



Body Size	Hose Barb	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QADN04-04-HB	QADC04-04-HB-BR	QADC04-04-HB-A-BR
1/4"	5/16"	300	36	QADN04-05-HB	QADC04-05-HB-BR	--
1/4"	3/8"	300	36	QADN04-06-HB	QADC04-06-HB-BR	QADC04-06-HB-A-BR
3/8"	1/4"	300	68	QADN06-04-HB	QADC06-04-HB-BR	QADC06-04-HB-A-BR
3/8"	3/8"	300	68	QADN06-06-HB	QADC06-06-HB-BR	QADC06-06-HB-A-BR
3/8"	1/2"	300	68	QADN06-08-HB	QADC06-08-HB-BR	QADC06-08-HB-A-BR
1/2"	3/8"	300	118	QADN08-06-HB	QADC08-06-HB-BR	QADC08-06-HB-A-BR
1/2"	1/2"	300	118	QADN08-08-HB	QADC08-08-HB-BR	QADC08-08-HB-A-BR
1/2"	3/4"	300	118	QADN08-12-HB	QADC08-12-HB-BR	QADC08-12-HB-A-BR

## AUTOMOTIVE INTERCHANGE (J SERIES)

These couplers are fully interchangeable with Parker Truflate series 10.



Body Size	Male NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QAJN04-04-MP	QAJC04-04-MP-BR	QAJC04-04-MP-A-BR
1/4"	3/8"	300	36	QAJN04-06-MP	QAJC04-06-MP-BR	QAJC04-06-MP-A-BR
3/8"	1/4"	300	68	QAJN06-04-MP	QAJC06-04-MP-BR	QAJC06-04-MP-A-BR
3/8"	3/8"	300	68	QAJN06-06-MP	QAJC06-06-MP-BR	QAJC06-06-MP-A-BR
3/8"	1/2"	300	68	QAJN06-08-MP	QAJC06-08-MP-BR	QAJC06-08-MP-A-BR
1/2"	3/8"	300	118	QAJN08-06-MP	QAJC08-06-MP-BR	QAJC08-06-MP-A-BR
1/2"	1/2"	300	118	QAJN08-08-MP	QAJC08-08-MP-BR	QAJC08-08-MP-A-BR
1/2"	3/4"	300	118	QAJN08-12-MP	QAJC08-12-MP-BR	QAJC08-12-MP-A-BR



Body Size	Female NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QAJN04-04-FP	QAJC04-04-FP-BR	QAJC04-04-FP-A
1/4"	3/8"	300	36	QAJN04-06-FP	QAJC04-06-FP-BR	QAJC04-06-FP-A
3/8"	1/4"	300	68	QAJN06-04-FP	QAJC06-04-FP	QAJC06-04-FP-A
3/8"	3/8"	300	68	QAJN06-06-FP	QAJC06-06-FP	QAJC06-06-FP-A
3/8"	1/2"	300	68	QAJN06-08-FP	QAJC06-08-FP	QAJC06-08-FP-A
1/2"	3/8"	300	118	QAJN08-06-FP	QAJC08-06-FP	QAJC08-06-FP-A
1/2"	1/2"	300	118	QAJN08-08-FP	QAJC08-08-FP	QAJC08-08-FP-A
1/2"	3/4"	300	118	QAJN08-12-FP	QAJC08-12-FP	QAJC08-12-FP-A



Body Size	Hose Barb	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QAJN04-04-HB	QAJC04-04-HB-BR	QAJC04-04-HB-A
1/4"	3/8"	300	36	QAJN04-06-HB	QAJC04-06-HB-BR	QAJC04-06-HB-A
3/8"	1/4"	300	68	QAJN06-04-HB	QAJC06-04-HB	QAJC06-04-HB-A
3/8"	3/8"	300	68	QAJN06-06-HB	QAJC06-06-HB	QAJC06-06-HB-A
3/8"	1/2"	300	68	QAJN06-08-HB	QAJC06-08-HB	QAJC06-08-HB-A
1/2"	3/8"	300	118	QAJN08-06-HB	QAJC08-06-HB	QAJC08-06-HB-A
1/2"	1/2"	300	118	QAJN08-08-HB	QAJC08-08-HB	QAJC08-08-HB-A
1/2"	3/4"	300	118	QAJN08-12-HB	QAJC08-12-HB	QAJC08-12-HB-A

## ARO INTERCHANGE (M SERIES)

These couplers interchange with ARO 210 / 310 couplings.



Body Size	Male NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QAJN04-04-MP	QAJC04-04-MP-BR	QAJC04-04-MP-A
1/4"	3/8"	300	36	QAJN04-06-MP	QAJC04-06-MP-BR	QAJC04-06-MP-A
3/8"	3/8"	300	68	QAJN06-06-MP	QAJC06-06-MP-BR	QAJC06-06-MP-A



Body Size	Female NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QAJN04-04-FP	QAJC04-04-FP-BR	QAJC04-04-FP-A
1/4"	3/8"	300	36	QAJN04-06-FP	QAJC04-06-FP-BR	QAJC04-06-FP-A
3/8"	3/8"	300	68	QAJN06-06-FP	N/A	QAJC06-06-FP-A



Body Size	Hose Barb	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.	Auto Coupler Part No.
1/4"	1/4"	300	36	QAJN04-04-HB	QAJC04-04-HB-BR	QAJC04-04-HB-A
1/4"	3/8"	300	68	QAJN04-06-HB	QAJC04-06-HB-BR	QAJC04-06-HB-A

LONG LINCOLN INTERCHANGE (L SERIES)



Body Size	Male NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.
1/4"	1/4"	300	36	QALN04-04-MP	QALC04-04-MP-BR



Body Size	Female NPT	WP (PSI)	CFM @ 100 PSI	Plug Part No.	Coupler Part No.
1/4"	1/4"	300	36	QALN04-04-FP	QALC04-04-FP-BR

## WHIP CHECKS

Hoses can whip if they become accidentally uncoupled or tear away from the fitting. Whipchecks act to control whipping in the event of a failure. Spring-loaded loops in the cable ends open easily to pass over the couplings, for a firm grip on the hose. **To function properly, restraint cables must be installed in a fully extended position with no slack. Maximum working pressure is 200 PSI.**



Hose End

Hose End

Part No.	Hose-to-Hose
WHIP-S	1/8" cable for 1/2" to 1 1/4" hose-to-hose
WHIP-L	1/4" cable for 1 1/2" to 3" hose-to-hose

### Correct Installation

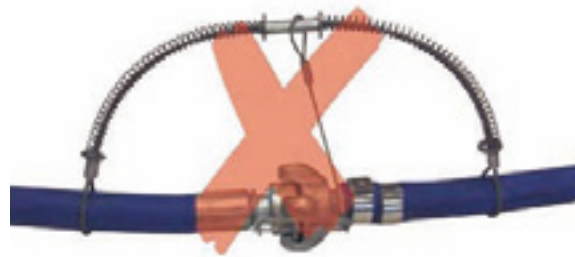


Hose End

Tool End

Part No.	Hose-to-Tool
WHIP-ST	1/8" cable for 1/2" to 1 1/4" hose-to-tool
WHIP-LT	1/4" cable for 1 1/2" to 3" hose-to-tool

### Incorrect Installation



## PLASTIC FOG NOZZLES



Part No.	Size (Inches)	Thread	GPM @ 100PSI	Color
FNA-075	3/4	GHT	8	Green
FNB-075	3/4	NPSH (SIPT)	8	Red
FNB-100	1	NPSH (SIPT)	22	Red
FNB-150	1 1/2	NPSH (SIPT)	75	Red
FNB-200	2	NPSH (SIPT)	150	Red
FNC-100	1	NH (NST)	22	Red
FNC-150	1 1/2	NH (NST)	75	Red
FNC-200	2	NH (NST)	100	Red

## SAFETY BLOW GUN



Part No.	PSI
BG100	150

Meets O.S.H.A., 1/4" female NPT inlet.

## PISTOL GRIP SAFETY BLOW GUN

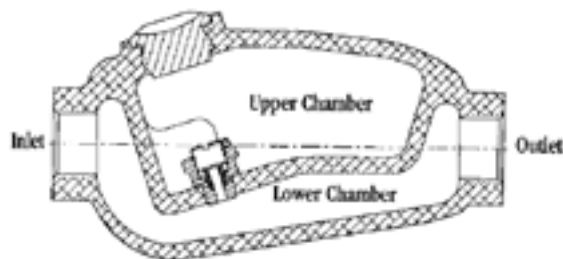


Part No.	PSI
BG200	150

Meets O.S.H.A., 1/4" female NPT inlet.

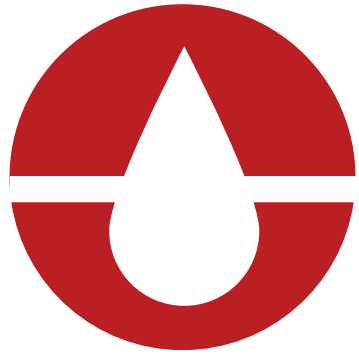
## IN LINE LUBRICATORS

Air entering the inlet pressurizes both the lower and upper chamber. When the tool reciprocates, there is a sudden pressure drop in the lower chamber. When this occurs, the oil is forced through the valve into the air stream. The amount of oil injected is adjusted by opening or closing the metering valve. Pooling of oil in the line after use can be reduced by turning the unit upside down after shutdown. This allows the pressure in the two chambers to equalize thus eliminating the pressure differential causing the oil flow. Installation is recommended within 25 feet of the tool to be lubricated. Minimum flow rate is 30 SCFM.



In-line lubricator has a fill plug and sight disc.

Part No.	NPT Size (Inches)	Oil Capacity	Max W.P. PSIG	Air Flow @ 70 PSI
PL-300	1/2	1.4 FL.OZ.	500	30 SCFM
PL-400	3/4	3.7 FL.OZ.	200	70 SCFM
PL-400L	3/4	11.0 FL.OZ.	300	70 SCFM
PL-500	1	16.0 FL. OZ.	250	100 SCFM



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