

FLEXSEAL™ ENDS (Beaded Ends)

Flexseal Ends are designed to be used where hose must be joined to another hose or pipe for carrying acids and other chemicals, abrasive materials and fluids that must be kept uncontaminated by metals. Hose I.D. is unrestricted. O.D. end is flared out by building the reinforcement and rubber around an angle steel ring and extending the tube out and over the enlargement. Around each end, behind the flare, a split flange is used with either 150 lb. or 300 lb. drilling. To join two Flexseal Ends, they are aligned without twisting the hose. Bolts are inserted and drawn tight. This compresses the rubber hose ends together making a leakproof seal. No gasket is required. Beaded end.



Resistance:
Varies
Branding:
None


Cover Color:	N/A
Oil Resistance:	Varies, depending on polymer used in compound
Construction:	
Tube:	N/A
Cover:	N/A
Reinforcement:	N/A
Temperature Range:	Varies, depending on the polymer used in compound
Packaging:	Hand built – \$250.00 minimum order per size

Nominal I.D. (inches)	(mm)	Working Pressure (psi)	(Mpa)
1-1/2" to 10"	38.1 to 254	100	0.69
12	304.80	70	0.48
14	355.60	60	0.41
18	457.20	50	0.34
20	508.00	50	0.34

FLEXSEAL™ CONNECTORS

Flexseal Connectors allow full flow in the pipeline. Designed for working pressures from 50 to 100 psi, depending on the inside diameter of the connector. The natural rubber tube is abrasion and acid resistant. No metal touches the material being carried. Flexseal is available with or without wire reinforcement. The wire-reinforced type has a helix(es) of steel wire buried in the hose to keep it from collapsing under full suction. Used in both suction and discharge services. Non wire-reinforced type only recommended for pinch-valve or discharge service, where material handled cakes in the tube. Split flanges are drilled to bolt companion standard flat-face flanges. They provide a tight seal without a gasket. Since the flanges rotate freely, alignment of the bolts is easy, thus reducing installation time to a minimum. Service involving operating temperatures over 150°F should be reviewed with Salisbury. Flexseal Connectors are short lengths of hose for joining metal piping, thereby putting non-rigid couplings into the lines. Made of thick flexible rubber, they absorb vibrations and prevent the transmission of noise and damaging vibrations through the metal pipes. As a result, pumps, controls, valves and other equipment have longer life.



Resistance:

Branding:
None

Cover Color:	N/A
Oil Resistance:	Limited
Construction:	
Tube:	Natural rubber, 3/16" thick
Cover:	SBR
Reinforcement:	N/A
Temperature Range:	-40°F to +160°F -40°C to +71°C
Packaging:	Hand built – \$250.00 minimum order per size

Non-wire Reinforced Wire Reinforced

Nominal I.D. (inches)	(mm)	Working Pressure (psi)	(Mpa)	Working Pressure (psi)	(Mpa)
1-1/2	38.10	100	0.69	100	0.69
2	50.80	100	0.69	100	0.69
2-1/2	63.50	100	0.69	100	0.69
3	76.20	75	0.52	75	0.52
4	101.60	75	0.52	75	0.52
5	127.00	70	0.48	60	0.41
6	152.40	60	0.41	50	0.34
8	203.20	50	0.34	50	0.34
10	254.00	50	0.34	50	0.34
12	304.80	50	0.34	50	0.34

MATERIAL HANDLING Flexible Connectors & Ends