

O-Ring Face Seal Fittings

Available in sizes from 1/8 to 1 in. and 6 mm to 25 mm.
 316, 316L stainless steel materials are available.
 CIR-LOK O-ring face seal fittings are designed for rapid assembly in pipe, tube, and welded systems.
 Female nut threads silver plated minimize galling.

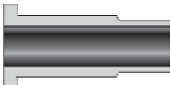





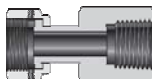
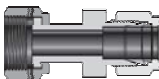
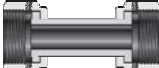
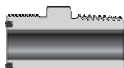










Materials Standards

Material	Bar Stock or Plate
316 316L stainless steel	ASTM A276, ASME SA479, EN 1.4401
O-ring (bodies)	70 durometer FKM
O-ring (SAE/MS thread)	90 durometer FKM
Lubricant	Silicone-based

Working Temperature Ratings

Material	Working Temperature Rating °F (°C)
FKM	-10 (-23) to 400 (204)
Buna N	-10 (-23) to 250 (121)
PTFE	-65 (-53) to 450 (232)
Ethylene Propylene	-50 (-45) to 300 (148)
Neoprene	-40 (-40) to 250 (121)
Kalrez	-20 (-28) to 525 (275)

Configuration

 Gland to Tube Butt Weld	 Gland to Tube Socket Weld	 Gland to Tube Port	 Female Nut
 Blind Nut	 Welded Gland to Male NPT	 Welded Gland to Female NPT	 Welded Gland to Tube Fitting
 Welded Gland Union	 Body to Male NPT	 Body to Female NPT	 Body to Tube Fitting
 Body to Bulkhead Tube Fitting Union	 Blind Body	 Union Body	 Body to Tube Socket Weld
 Body to Male NPT Elbow	 Body to Tube Fitting Elbow	 Body Union Elbow	 Body Union Tee

How to Order

GFS8		UT	GFS8		GFS8	316L
Port 1 Type	Port 1 Size	Fitting Configuration	Port 2 Type	Port 2 Size	Port3 and Port 4	Material
GFS Metal Gasket Face Seal	GFS Size	G Gland	GFS Metal Gasket Face Seal	Same as port 1 or follow:	Same as port 2	316
OFS O-ring Face Seal	2 1/8 in. 4 1/4 in. 8 1/2 in. or 3/8 in. 12 3/4 in. 16 1 in. OFS Size 4 1/4 in. or 1/8 in. 8 1/2 in. or 3/8 in. 12 3/4 in. 16 1 in.	WG Weld Gland FN Female Nut MN Male Nut MC Male Connector Body FC Female Connector Body U Union Body BUT Body to Bulkhead Tube Fitting Union BMC Body to Bulkhead Male Connector BB Blind Body BU Bulkhead Union Body BTB Bulkhead Body to Tube ButtWeld C Coupling BSW Body to Tube Socket Weld FRU Female Reducing Union RA Reducing Adapter RB Reducing Bushing ME Male Elbow UE Union Elbow UT Union Tee UC Union Cross PL Plug CA Cap GA Gasket	OFS O-ring Face Seal FSW Fractional Tube Socket Weld FBW Fractional Tube Butt Weld MSW Metric Tube Socket Weld MBW Metric Tube Butt Weld F Fractional Tube Fitting M Metric Tube Fitting FNPT Female NPT NPT Male NPT FBT Female BSPT MBT Male BSPT	1 1/16 in. 2 1/8 in. 4 1/4 in. 6 3/8 in. or 6 mm 7 7/16-20 8 8 mm 9 9/16-18 10 10 mm 12 3/4 in. or 3/4-16 or 12 mm 17 11/16-12 18 18 mm 21 15/16-12		316L