LEGRIS LF 3800



Made entirely of stainless steel and ergonomically designed, this fitting is ideal for corrosive environments such as food processing, chemical and medical applications.

Technical specifications

Fluids: compressed air, neutral gases, industrial water with or without glycol

Operating pressure: 10^{-2} millibar to 30 bar (20 bar: 3889, 3879)

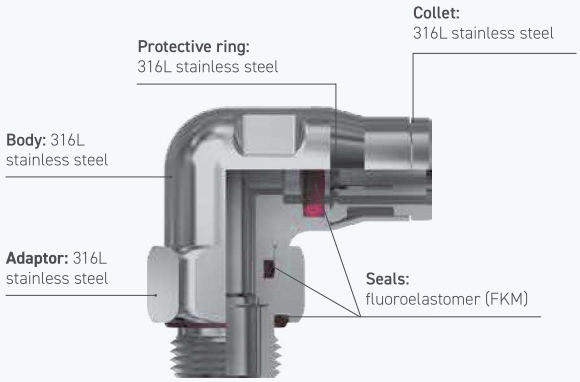
Operating temperature: -25°C to +150°C

Diameter: 4 to 12 mm – 3/16" to 1/2"

Regulations: RoHS, REACh, ISO 14743, PED, FDA, CE N° 1935/2004

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

- **Full metallic design, made of 316L stainless steel**, able to withstand aggressive environments while preserving fluid integrity.
- **Unique hygienic external design,** with a smooth surface (Ra 0.8) and no retention areas, simplifying the cleaning process and preventing contamination.
- **Collet technology** ensuring high pressure resistance.
- **High-performance FKM seal**, ideal for a wide range of temperatures.

Recommended applications



Resistance to cleaning agents used in food processing



High chemical resistance



Prevents contamination on packaging machines for the pharmaceutical industry

Installation guide

Maximum tightening torque (daN.m)	Threads				
	M5x0.8	G1/8	G1/4	G3/8	G1/2
	0.16	0.8	1.2	3	3.5

Tightening torque for bulkhead fittings	Ø (mm)	4	6	8	10	12
	daN.m min.	0.5	0.5	0.6	0.6	0.6
	max.	0.9	0.9	1	1	1

The stud standpipe 3821 and 3831 can be used as illustrated, allowing:
- stock optimization
- installation of tees and elbows where required.

