

LF 3800/LF 3900 Push-In Fittings

Parker Legris has developed two ranges of **stainless steel fittings (LF 3800 or LF 3900 in full 316L)** for conveying corrosive fluids in **aggressive environments**. These ranges provide two complementary levels of corrosion resistance and a **hygienic external design**.

Product Advantages

High Resistance to Aggressive Environments

LF 3800: excellent for conveying aggressive fluids
LF 3900: maximum chemical resistance to internal and external corrosion
Hygienic external design for reducing retention zones
Easy cleaning in situ
Proven gripping technology

Wide Range of Applications

Perfect for permanent contact with foodstuffs
Compatible with frequent sterilization
Excellent in saline environments and outdoor applications
Resistant to industrial cleaning agents and detergents
Compatible with polymer and grooved stainless steel tubing
One fitting for many applications: optimised stock management

Reliability & Safety

All-metal product allowing detection of all components
Full bore, with minimal pressure drop
Resistant to hammering, mechanical shock and impulse
Manual connection and disconnection, no tools required
100% leak-tested in production
Date coding to guarantee quality and traceability
IP 51 bulkhead: complete protection against ingress in food and non-food zones



Food Process
Paper Industry
Petrochemical
Pharmaceutical
Chemical
Medical

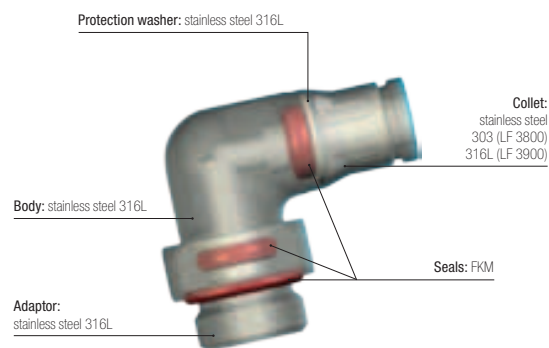
Applications

Technical Characteristics

Compatible Fluids	All fluids compatible with the fitting and tubing component materials					
Working Pressure	Vacuum to 30 bar (20 bar: 3879/3979 and 3889/3989)					
Working Temperature	-20° to +150°C					
Adaptor Tightening Torque	Threads	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.16	0.8	1.2	3	3.5
Bulkhead Tightening Torque	Ø (mm)	4	6	8	10	12
	daN.m min. max.	0.5 0.9	0.5 0.9	0.6 1	0.6 1	0.6 1

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.
Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Component Materials



Silicone-free

Regulations

ISO 14743 Pneumatic transmissions, push-in fittings for thermoplastic tubing
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC (REACH)
DI: 94/62/EC (ATEX)

RG: 1907/2006 (REACH)
UL94 V-0: Seal
RG: 21 CFR (FDA)
RG: 1935/2004/EC
USDA NSF H1: Grease