

LF 3600 Push-In Fittings

In order to meet your **technical and environment requirements**, Parker Legris designed this range of metal fittings, offering **robustness, reliability** and **resistance to industrial fluids** for the most demanding environments.

Product Advantages

- High Performance**
 - Resistant up to +150°C at 30 bar
 - Excellent mechanical performance
 - Long threads to resist shock and vibration
 - Excellent abrasion and corrosion resistance due to high phosphorus chemical nickel plating
 - Full flow, minimal pressure drop
- Versatility**
 - Materials conform to FDA standards
 - Spring collet gripping system suitable for both metal (grooved) and polymer tubing
 - Excellent resistance to high pressure and vacuum
 - Excellent chemical compatibility
 - More than 250 part numbers
 - One fitting for numerous applications: stock optimisation
 - Manual connection and disconnection
 - Compact and ergonomic
- Reliability**
 - High performance brass for increased lifespan
 - 100% leak-tested in production
 - Date coding to guarantee quality and traceability



Food Process
Coffee Machines
In-Plant Automotive
Medical Equipment
Printing
Misting
Welding Robots

Applications

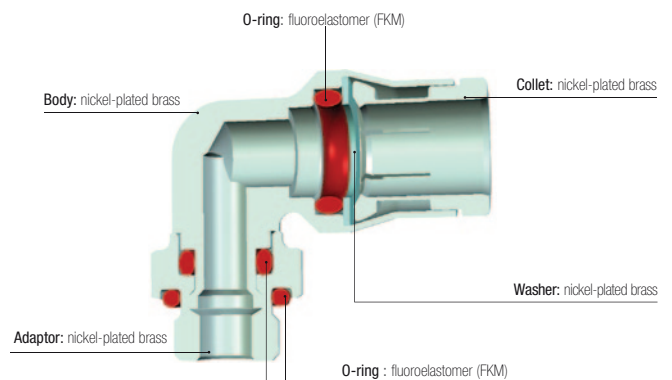
Technical Characteristics

Suitable Fluids	Compressed air, grease, lubricant, water...
Working Pressure	Vacuum to 30 bar (20 bar: 3699, 3609)
Working Temperature	-20°C to +150°C

Maximum Tightening Torque (daN.m)	Thread							
	M5 x0.8	M6 x1	M8 x1	M10 x1	G1/8	G1/4	G3/8	G1/2
	0.16	0.18	0.6	0.8	0.8	1.2	3	3.5

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


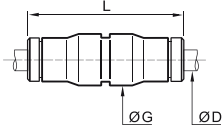

Regulations

Industrial
ISO 14743: pneumatic transmissions, push-in fittings for thermoplastic tubing
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
RG: 1907/2006 (REACH)
DI: 94/9/EC (ATEX)
UL94 V-0: please consult us


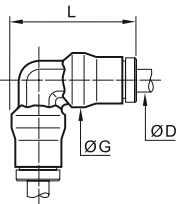

Food
RG: 21CFR (FDA)
RG: 1935/2004/EC (minimum flow 0.02 l/h)
USDA NSF H1: grease
ASTM B733-04: autocatalytic (electroless) nickel-phosphorus coatings

Tube-to-Tube Fittings


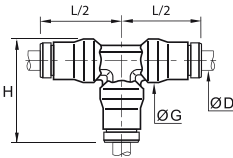

3606 Equal Tube-to-Tube Connector

			ØD			G	L	kg
			4	3606 04 00	10			
			6	3606 06 00	12	36.5	0.016	
			8	3606 08 00	15	37.5	0.021	
			10	3606 10 00	17.5	47.5	0.034	
			12	3606 12 00	19.5	50	0.042	
			14	3606 14 00	21.5	52.5	0.050	

3602 Equal Elbow

			ØD			G	L	kg
			4	3602 04 00	10			
			6	3602 06 00	12	28	0.016	
			8	3602 08 00	15	31	0.023	
			10	3602 10 00	17.5	37.5	0.033	
			12	3602 12 00	19.5	40.5	0.045	
			14	3602 14 00	21.5	45	0.056	

3604 Equal Tee

			ØD			G	H	L/2	kg
			4	3604 04 00	10				
			6	3604 06 00	12	28	21.5	0.023	
			8	3604 08 00	15	31	23.5	0.032	
			10	3604 10 00	17.5	37.5	29	0.048	
			12	3604 12 00	19.5	40.5	31	0.063	
			14	3604 14 00	21.5	45	34	0.078	