

LF 3000® Push-In Fittings

The LF 3000® range, with its wide variety of shapes and configurations, allows you to find **the perfect product to meet your needs** and thus **optimise the use** of your equipment.

Product Advantages

World-Class Performance

- 40 years of expertise
- Full bore for optimum flow
- Ideal for vacuum or pressure applications
- Automatic sealing guaranteed, in both static and dynamic applications
- Materials with high resistance
- Durability of product and equipment

Optimal Design

- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Compact and aesthetic design: reduced dimensions for space-saving
- Tube fixed during connection, preventing leakage
- Conforms to ISO 14743
- Excellent vacuum performance thanks to the patented sealing technology
- Lightweight: reduced energy consumption of operating systems
- Parallel threaded fitting with a patented captive O-ring seal
- Maximum flexibility due to the wide product range



- Robotics
- Automotive Process
- Pneumatics
- Semi-Conductors
- Textile
- Packaging
- Vacuum

Applications

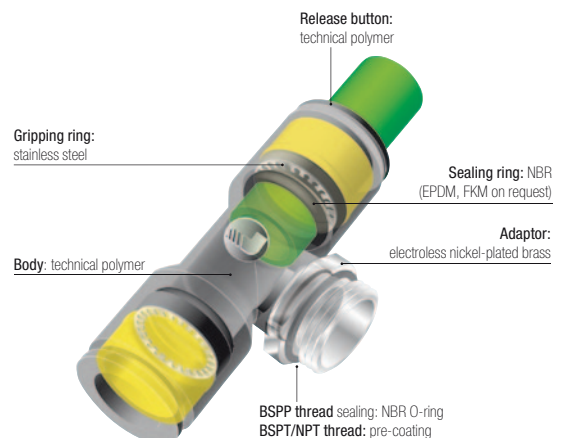
Technical Characteristics

Compatible Fluids	Compressed air Other fluids: please consult us
Working Pressure	Vacuum to 20 bar
Working Temperature	-20°C to +80°C

Tightening Torque (daN.m)	Threads								
	M3 x0.5	M5 x0.8	M7 x1	M10 x1	M12 x1.5	G1/8	G1/4	G3/8	G1/2
	0.06	0.16	0.8	0.8	1.1	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


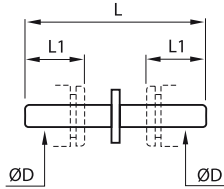

Regulations

ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes
DI: 97/23/EC (PED)


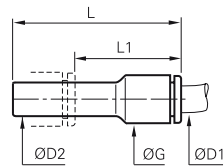

DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

Plug-In Fittings and Accessories


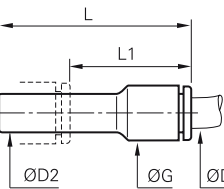

3120 Stem Connector

	<p>Technical polymer</p> 	ØD		L	L1	kg
		4	3120 04 00	34.5	12	0.001
		6	3120 06 00	38.5	14	0.001
		8	3120 08 00	41	18.5	0.001
		10	3120 10 00	51.5	20.5	0.002
		12	3120 12 00	60	24.5	0.004
		14	3120 14 00	69.5	25.5	0.007
<p>This model is available in nickel-plated brass; please use suffix 85. Example: 3120 04 00 85. Only compatible with Parker Legris fittings. Drawing available upon request.</p>						


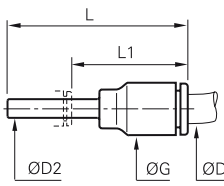

3166 Plug-In Reducer

	<p>Technical polymer, NBR</p> 	ØD1	ØD2		G	L	L1	kg
		3	4	3166 03 04	8.5	37.5	23.5	0.002
		4	6	3166 04 06	8.5	37.5	23.5	0.001
		4	8	3166 04 08	8.5	37.5	19	0.001
		4	10	3166 04 10	12	44	22.5	0.003
		6	8	3166 06 08	10.5	37.5	20	0.001
		6	10	3166 06 10	10.5	38	17.5	0.002
		6	12	3166 06 12	14.5	46	23	0.005
		6	14	3166 06 14	14.5	48	23	0.006
		8	10	3166 08 10	13.5	49	28.5	0.003
		8	12	3166 08 12	13.5	49	24.5	0.004
		8	14	3166 08 14	17	48	23	0.007
		10	12	3166 10 12	21.5	56.5	33.5	0.006
		10	14	3166 10 14	21.5	58.5	33.5	0.007
		12	14	3166 12 14	23.5	58.5	33.5	0.010


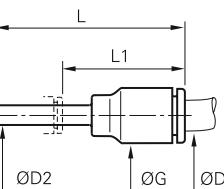

3166 Plug-In Reducer

	<p>Technical polymer, NBR</p> 	ØD1	ØD2		G	L	L1	kg
		1/4	5/16	3166 56 08	11	41	23	0.002
		1/4	3/8	3166 56 60	11	41	21	0.002

3168 Plug-In Increaser

	<p>Technical polymer, NBR</p> 	ØD1	ØD2		G	L	L1	kg
		6	4	3168 06 04	10.5	35	23	0.001
		8	6	3168 08 06	13.5	45	31.5	0.003
		8	1/4	3168 08 56	16	40	25.5	0.008
		10	8	3168 10 08	16	42.5	21	0.009
		12	10	3168 12 10	19	49	24.5	0.012

3168 Plug-In Increaser

	<p>Technical polymer, NBR</p> 	ØD1	ØD2		G	L	L1	kg
		1/4	5/32	3168 56 04	11	41	29	0.001
		1/4	3/16	3168 56 55	20.5	41	25	0.003