

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

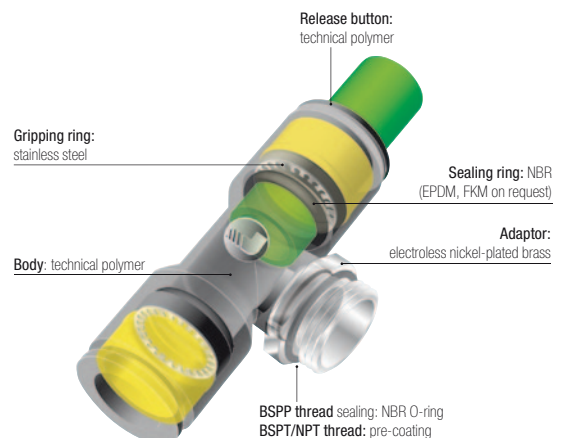
Technical Characteristics

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


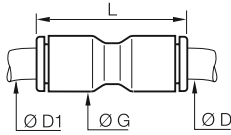

Regulations

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)


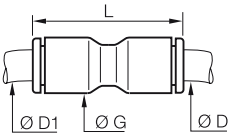

Tube-to-Tube Fittings

3106 Equal and Unequal Tube-to-Tube Connector

	Technical polymer, NBR 	ØD	ØD1		G	L	kg
		3	3	3106 03 00	8.5	25	0.002
			4	3106 03 04	8.5	25	0.002
			1/4	3106 04 56	11	29.5	0.010
			4	3106 04 00	8.5	25	0.001
			6	3106 04 06	11	28	0.002
			8	3106 04 08	13.5	38	0.005
			1/4	3106 06 56	13.5	36	0.009
			6	3106 06 00	10.5	28.5	0.002
			8	3106 06 08	13.5	38	0.005
			10	3106 06 10	16	42	0.007
			8	3106 08 00	13.5	38	0.004
			10	3106 08 10	16	42	0.008
			12	3106 08 12	19	50.5	0.026
			10	3106 10 00	16	42	0.006
			12	3106 10 12	19	50.5	0.022
			1/2	3106 12 62	22	56.5	0.024
			12	3106 12 00	19	50.5	0.009
			14	3106 12 14	22	56	0.026
			16	3106 12 16	27	61	0.066
	14	3106 14 00	22	56	0.014		
	16	3106 16 00	27	60.5	0.041		


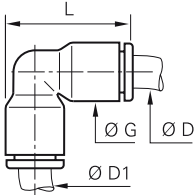

3106 Equal and Unequal Tube-to-Tube Connector

Inch

	Technical polymer, NBR 	ØD	ØD1		G	L	kg
		1/4	1/4	3106 56 00	10.9	29.5	0.002
			3/8	3106 60 00	16	42	0.006
		3/8	10	3106 60 10	12	50.5	0.029
			1/4	3106 60 56	16	41	0.016
		1/2	1/2	3106 62 00	22	55	0.015


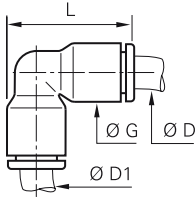

5/32" (4 mm) and 5/16" (8 mm) also available

3102 Equal and Unequal Elbow

	Technical polymer, NBR 	ØD	ØD1		G	L	kg
		4	4	3102 04 00	8.5	19	0.001
			6	3102 04 06	10.5	22.5	0.004
			6	3102 06 00	10.5	22.5	0.002
			8	3102 06 08	13.5	29.5	0.009
			8	3102 08 00	13.5	29.5	0.004
			10	3102 08 10	16	34.5	0.031
			10	3102 10 00	16	34.5	0.006
			12	3102 10 12	19	40.5	0.022
			12	3102 12 00	19	40.5	0.010
			14	3102 14 00	22	46.5	0.015
			16	3102 16 00	27	52	0.043

3102 Equal Elbow

Inch

	Technical polymer, NBR 	ØD	ØD1		G	L	kg
		1/4	1/4	3102 56 00	11	23.5	0.002
		3/8	3/8	3102 60 00	16	34	0.006
		1/2	1/2	3102 62 00	22	35	0.018

5/32" (4 mm) and 5/16" (8 mm) also available