

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

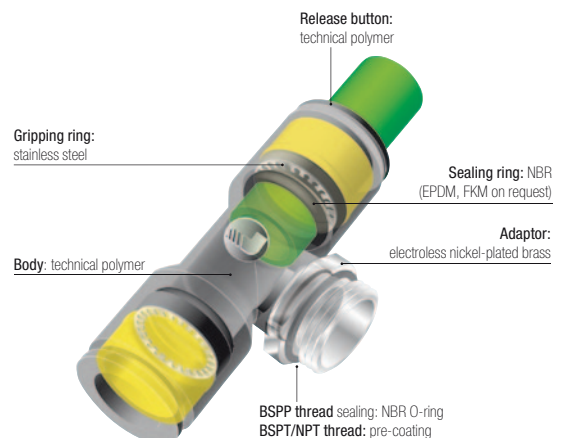
Technical Characteristics

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


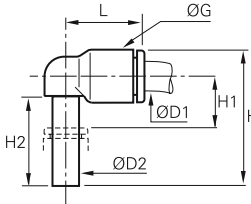

Regulations

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)


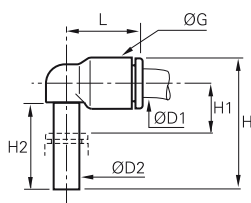

Plug-In Fittings and Accessories

3182 Equal and Unequal Plug-In Elbow

		ØD1	ØD2		G	H	H1	H2	L	kg
		4	4	3182 04 00	8.5	23	6	15.5	14	0.001
		4	6	3182 04 06	10.5	26.5	7	17	16	0.003
		6	4	3182 06 04	10.5	24.5	7	15.5	16	0.001
		6	6	3182 06 00	10.5	26.5	7	17	16	0.001
		6	8	3182 06 08	13.5	33.5	8	21.5	23	0.007
		8	8	3182 08 00	13.5	33.5	8	21.5	23	0.003
		8	10	3182 08 10	16	39	10	24.5	26.5	0.010
		10	10	3182 10 00	16	39	10	24.5	26.5	0.004
		10	12	3182 10 12	19	44.5	10.5	27.5	31	0.017
		12	12	3182 12 00	19	45.5	10.5	27.5	31	0.007


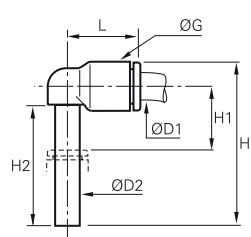

3182 Equal Plug-In Elbow

Inch


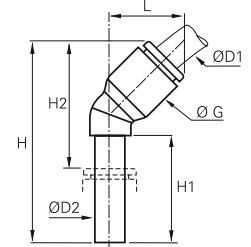

		ØD1	ØD2		G	H	H1	H2	L	kg
		1/4	1/4	3182 56 00	11	27.5	7.5	18	18.5	0.002
		3/8	3/8	3182 60 00	16	38.5	9	24	26	0.010
		1/2	1/2	3182 62 00	22	51	13	28	35	0.030

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

3184 Extended Equal and Unequal Plug-In Elbow

		ØD1	ØD2		G	H	H1	H2	L	kg
		4	4	3184 04 00	8.5	32.5	15.5	25	14	0.004
		4	6	3184 04 06	10.5	38.5	19	29	16	0.004
		6	6	3184 06 00	10.5	38.5	19	29	16	0.002
		6	8	3184 06 08	13.5	49	23.5	37	23	0.010
		8	8	3184 08 00	13.5	49	23.5	37	23	0.003
		8	10	3184 08 10	16	56	26.5	41.5	26.5	0.013
		10	10	3184 10 00	16	56	26.5	41.5	26.5	0.010
		10	12	3184 10 12	19	62.5	28	45.5	31	0.020
		12	12	3184 12 00	19	62.5	28	45.5	31	0.014

3180 45° Plug-In Equal Elbow

		ØD1	ØD2		G	H	H1	H2	L	kg
		4	4	3180 04 00	9	33.5	19	21	13	0.001
		6	6	3180 06 00	11	39	21	25	14.5	0.003
		8	8	3180 08 00	13.5	44	21.5	25.5	19.5	0.005
		10	10	3180 10 00	16	53	27	32.5	23	0.004
		12	12	3180 12 00	19	58.5	27.5	34	26.5	0.007