

# 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

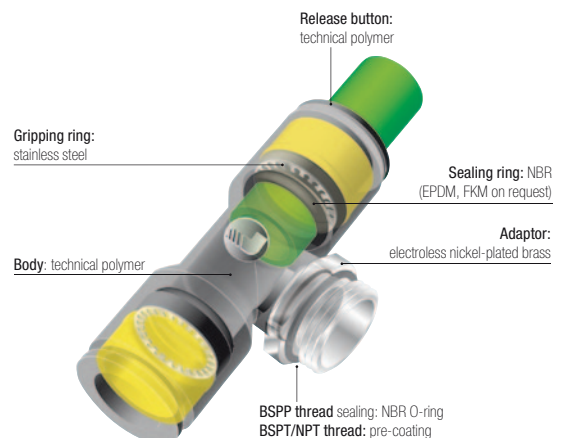
## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air Other fluids: please consult us
<b>Working Pressure</b>	Vacuum to 20 bar
<b>Working Temperature</b>	-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


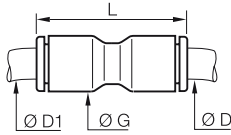

### Regulations

**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)


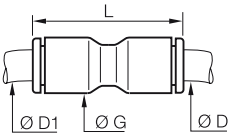

# Tube-to-Tube Fittings

## 3106 Equal and Unequal Tube-to-Tube Connector

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


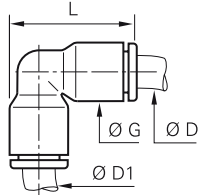

## 3106 Equal and Unequal Tube-to-Tube Connector

Inch

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


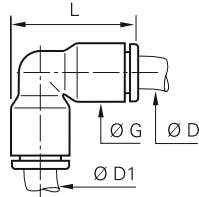

5/32" (4 mm) and 5/16" (8 mm) also available

## 3102 Equal and Unequal Elbow

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

## 3102 Equal Elbow

Inch

	Technical polymer, NBR 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>kg</b>
		1/4	1/4	<a href="#">3102 56 00</a>	11	23.5	0.002
		3/8	3/8	<a href="#">3102 60 00</a>	16	34	0.006
		1/2	1/2	<a href="#">3102 62 00</a>	22	35	0.018

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