

# LF 3000® Push-In Fittings / Self-Sealing and Oscillating Fittings



2 functions available for quick machine intervention and to facilitate the operation of the installations.

Ø metric:  
4 to 12 mm

## Technical Characteristics

- **Compatible Fluids:** Compressed air  
Other fluids: please consult us
- **Working Pressure:** Vacuum to 20 bar  
(10 bar: self-sealing fitting)
- **Working Temperature:** -20°C to +80°C

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).

## Advantages

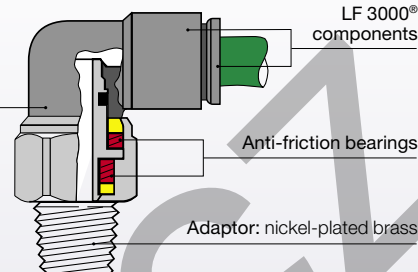
- **Self-Sealing Fittings**
- Prevents fluid flow when there is no tube connected
- When connected, the compressed air flow is restored
- **Oscillating Fittings**
- Fitting swivels when cylinder is in movement : no bending of the tube
- High durability of the fitting/tube assembly

## Component Materials

### Swivel Fitting

Body:

- Self-sealing fitting: nickel-plated brass
- Oscillating fitting: technical polymer



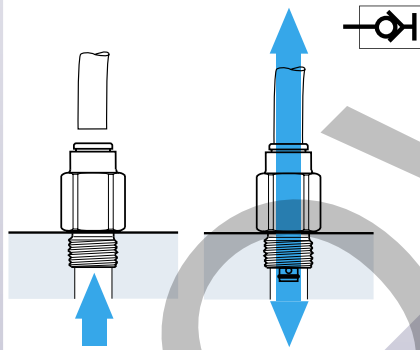
Silicone-free

## Regulations

- ISO 14743
- PED
- RoHS
- REACH

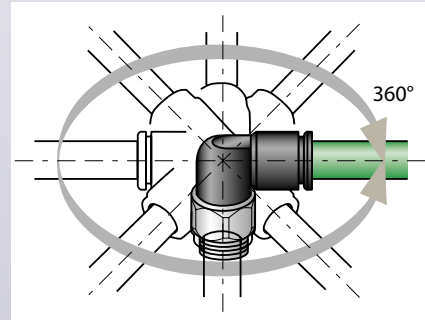
## Installation Configurations

### Self-Sealing Fitting



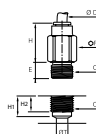
### Oscillating Fitting

Tube O.D. (mm)	Torque (daN.m)	Max. Rotation Speed (turn/min.)
4	<2.5.10 <sup>-3</sup>	190
6	<4.10 <sup>-3</sup>	160
8	<7.10 <sup>-3</sup>	120
10	<11.10 <sup>-3</sup>	90
12	<16.10 <sup>-3</sup>	80



## 3391 Self-Sealing Stud Fitting, Male BSPP Thread

Nickel-plated brass, NBR

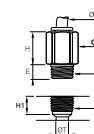


ØD	C		E	F	H	H1	H2	ØT	Kg
4	G1/8	<b>3391 04 10</b>	5	13	18	7.5	6	5	0.017
6	G1/8	<b>3391 06 10</b>	5	14	19.5	9	6	7.5	0.018
8	G1/8	<b>3391 08 10</b>	5	14	29.5	10	6	7.5	0.025
	G1/4	<b>3391 08 13</b>	5.5	16	25.5	11	8	9	0.032
10	G3/8	<b>3391 10 17</b>	5.5	20	27.5	13	11	10	0.055

Maximum working pressure: 10 bar

## 3091 Self-Sealing Stud Fitting, Male BSPT Thread

Nickel-plated brass, NBR



ØD	C		E	F	H	H1	ØT	Kg
4	R1/8	<b>3091 04 10</b>	7.5	12	18	9.5	5	0.014
6	R1/8	<b>3091 06 10</b>	7.5	13	19.5	9.5	7.5	0.015
8	R1/8	<b>3091 08 10</b>	6.5	14	25	10.5	7.5	0.024
	R1/4	<b>3091 08 13</b>	11	14	25.5	13.5	9	0.021

Maximum working pressure: 10 bar