

# Self-Sealing and Oscillating Fittings

Parker Legris has developed these two **innovative** push-in fittings in order to integrate various functions and allow **quick installation** on pneumatic circuits.

## Product Advantages

### Self-Sealing Fittings

Prevents fluid flow when there is no tube connected  
Circuits may remain pressurised when being checked and maintained  
When connected, the compressed air flow is restored in both directions

### Oscillating Fittings

Rotation matched to cylinder rod stroke  
Prevents tube wear due to excessive flexing  
Optimum reliability and durability  
Simplifies circuit assembly



Robotics  
Automotive Process  
Pneumatics  
Semi-Conductors  
Textile  
Packaging

Applications

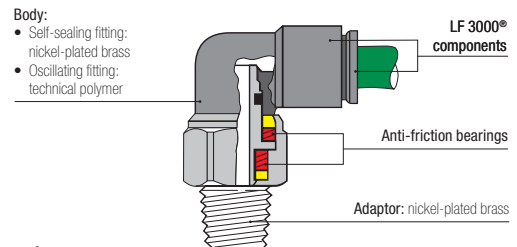
## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air Other fluids: please consult us
<b>Working Pressure</b>	Vacuum to 20 bar (10 bar: self-sealing fitting)
<b>Working Temperature</b>	-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).

### Component Materials

#### Swivel Fitting



#### Silicone-free

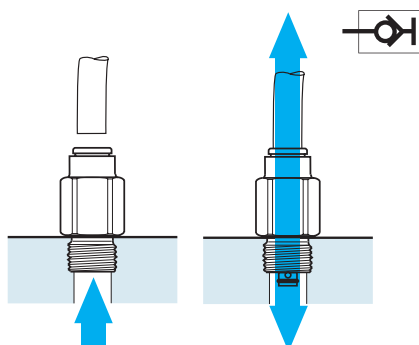
### Regulations

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)

## 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

