

# Blocking Fittings

Blocking fittings, mounted in pairs on a cylinder, lock the piston by simultaneously **cutting off the supply and exhaust** when the pilot signal is removed.

## Product Advantages

### Optimum Performance

- Optimum flow: no effect on the performance of the cylinder
- Compact size
- Fully orientable for excellent flexibility in circuit installation
- 100% leak-tested in production
- Date coding to guarantee quality and traceability

### Robust

- Suitable for the most demanding environments
- Excellent corrosion and spark resistance to salt spray and sparks (threaded models)
- Proven push-in technology



**Applications**

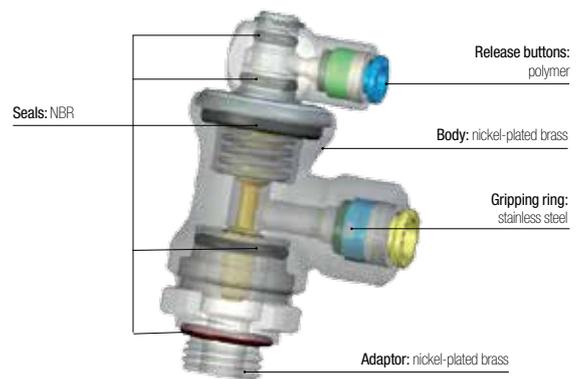
- Robotics
- Machine Tools
- Textile
- Packaging
- Pneumatics
- Automotive Process

## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air
<b>Working Pressure</b>	1 to 10 bar
<b>Working Temperature</b>	-20°C to +70°C

Connection	Supply Flow 6 bar	Pilot and depilot threshold depending on supply pressure				
		2 bar	4 bar	6 bar	8 bar	10 bar
ØD 6 and 8 mm, threads G1/8, G1/4, R1/8, R1/4	Pilot Pressure	2.40	2.90	3.30	3.60	4.00
	Depilot Pressure	1.50	1.80	2.15	2.40	2.80
ØD 10 and 12 mm, threads G3/8, G1/2, R3/8, R1/2	Pilot Pressure	2.70	3.20	3.50	3.80	4.10
	Depilot Pressure	1.40	1.80	2.10	2.40	2.70

### Component Materials



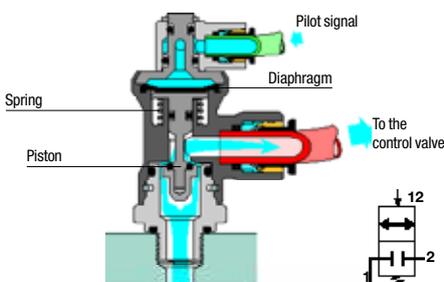
**Silicone-free**

### Regulations

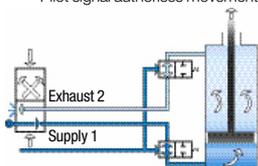
- DI: 2002/95/EC (RoHS)
- DI: 97/23/EC (PED)
- RG: 1907/2006 (REACH)

## Operation

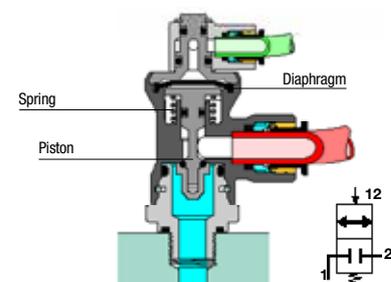
### Cylinder in Operation (pilot signal active)



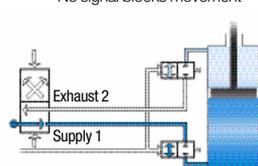
Pilot signal authorises movement



### Cylinder Blocked (pilot signal removed)



No signal blocks movement



### Installation

Mounted in pairs, blocking fittings are installed directly on the cylinder. Being fully orientable, they offer excellent flexibility in the design and installation of pneumatic circuits.

