

# Direct Buried Connectors

The new Parker Legris connectors were developed to optimise installation and provide long-term **integrity for underground FTTx\* networks**.



\*FTTx: Fibre To The x = home, building, campus, etc.

## Product Advantages

### Optimised Installation

- Transparent: optic fibre ducts and correct tube connection can be seen and verified
- Patented ridged design for unsurpassed shock resistance
- No protection cap necessary
- 1 connector for 2 different wall thicknesses of the tubing (bridging possible between direct buried and direct install micro-tubing)
- Compact design and intuitive installation
- Pre-assembled safety clip to prevent risk of accidental disconnection
- High working pressure for increased blowing speed/distance

### Longevity & Reliability

- Tried-and-tested connection technology to ensure tensile strength and resistance to network expansion
- Perfect sealing IP68: full protection against particle ingress
- UL94: flame resistance for indoor installations
- Date coding to guarantee quality and traceability
- 100% leak-tested in production



Underground Networks  
Micro-Tubing  
Air Blowing  
Water Floating  
Heavy Duty Ducting

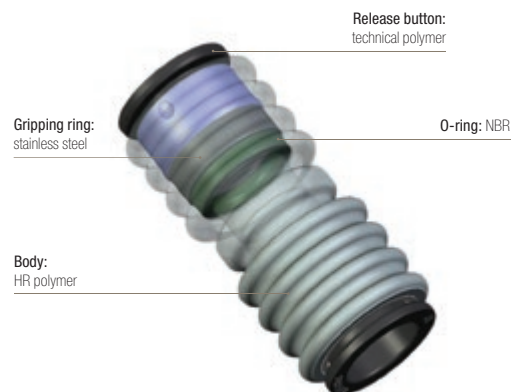
Applications

## Technical Characteristics

<b>Compatible Fluids</b>	Air, water
<b>Working Pressure</b>	Vacuum to 25 bar
<b>Working Temperature</b>	-20°C to +80°C
<b>Suitable Ducts</b>	Direct buried micro-tubing Direct install micro-tubing
<b>Shock Resistance</b>	Conforms to standard and light applications according to the NF EN 61386-24 standard
<b>Tubing Diameter</b>	Ø 7 mm to Ø 14 mm

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

### Component Materials



### Regulations and Intellectual Property

ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes  
NF EN 50086-2-4 replaced by NF EN 61386-24: Standard relating to impact tests for buried systems  
UL94: Flame resistance

IP68: Seepage resistance to water and dust  
Patent family FR2980999 (buried connectors)  
Patent family FR2924194 (safety clips)