

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: fibre optic 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

Compatible Fluids	Air, water
Working Pressure	Vacuum to 25 bar
Working Temperature	-20°C to +80°C
Suitable Ducts	Direct buried micro-tubing Direct install micro-tubing
Shock Resistance	Conforms to standard and light applications according to the NF EN 61386-24 standard
Tubing Diameter	Ø 7 mm to Ø 16 mm

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

Component Materials

Release button: technical polymer

Gripping ring: stainless steel

O-ring: NBR

Body: HR polymer

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)

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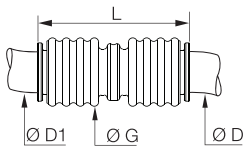
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The above recommendations are given in good faith. However, since every application is different, it is advisable to undertake tests in actual working conditions.

Direct Buried Connectors and End Caps

6270 Equal and Unequal Tube-to-Tube Connector

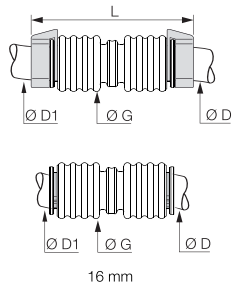
HR polymer, NBR



ØD	ØD1		G	L	Kg
7	7	6270 07 00	16	38	0.006
8	8	6270 08 00	16	39	0.006
10	10	6270 10 00	20	43	0.009
	12	6270 10 12	22	50	0.010
12	12	6270 12 00	22	50	0.009
	14	6270 12 14	24	56	0.022
14	14	6270 14 00	24	56	0.022
16	16	6270 16 00	29	60	0.022

6270..03 Equal and Unequal Tube-to-Tube Connector with Red Tamper-Proof Safety Clips

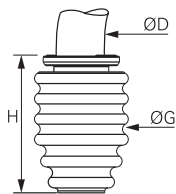
HR polymer, NBR



ØD	ØD1		G	L	Kg
7	7	6270 07 00 03	16	47	0.007
8	8	6270 08 00 03	16	48	0.007
10	10	6270 10 00 03	20	51	0.011
	12	6270 10 12 03	22	60	0.026
12	12	6270 12 00 03	22	60	0.017
	14	6270 12 14 03	24	68	0.031
14	14	6270 14 00 03	24	68	0.023
16	16	6270 16 00 03	29	60	0.031

6273 End Cap

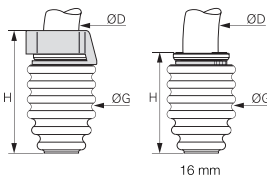
HR polymer, NBR



ØD		G	H	Kg
7	6273 07 00	16	23	0.002
8	6273 08 00	16	24	0.002
10	6273 10 00	20	26	0.003
12	6273 12 00	22	30	0.006
14	6273 14 00	24	33	0.014
16	6273 16 00	29	36	0.028

6273..03 End Cap with Red Tamper-Proof Safety Clip

HR polymer, NBR



ØD		G	H	Kg
7	6273 07 00 03	16	28	0.003
8	6273 08 00 03	16	29	0.003
10	6273 10 00 03	20	31	0.005
12	6273 12 00 03	22	35	0.009
14	6273 14 00 03	24	39	0.018
16	6273 16 00 03	29	36	0.032

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