

Fireproof High Resistance PA Tubing

This **single layer fireproof** tubing not only combines excellent resistance to pressure, temperature and flame, but also guarantees **non-toxic smoke** resulting from burn-off. This tubing eliminates the need for a stripping tool, thus preventing the risk of tube damage prior to connection.

Product Advantages

Safety for On-Board Railway Equipment

Designed for on-board equipment
Excellent flame-resistance: self-extinguishing
Very little smoke generation
Non-toxic combustion gases
UV-resistant
Extremely resistant to high pressure and temperature

Innovative Single-Layer Solution

Developed for demanding industrial applications
Excellent spark resistance
Economical alternative to PA tubing with PVC sheath
Combines technical advantages of rigid and semi-rigid PA tubing
5 colours available
Flow direction marking
Silicone-free



Applications

Railway
Air Horns
Industrial Machinery
Pneumatic Doors
Step-Units
Centralised Lubrication
Welding

Technical Characteristics

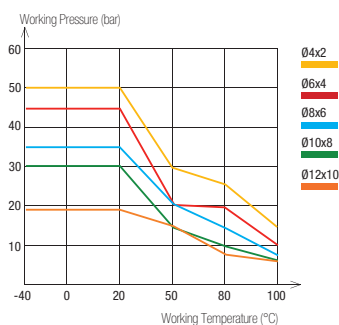
Compatible Fluids	Compressed air, lubricants Other fluids: please consult us
Working Pressure	Vacuum to 50 bar
Working Temperature	-40°C to +100°C
Component Materials	Polyamide (63 shore D)

Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Regulations

Railway
Pr EN 45545-2: HL3, R22, R24, R25
NF F16101: I3 F2,
DIN 5510-2: S4, SR2, ST2
ISO 4892
Industrial
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
RG: 1907/2006/EC (REACH)
UL94 V-0 (Fire resistance)

Performance of Fireproof High Resistance PA Tubing



To calculate burst pressure, the values in this graph should be multiplied by 3.

Tube O.D.	Tube O.D. Tolerance
4 mm	+0.05 / -0.08
6 to 12 mm	+0.05 / -0.10







Connected to Parker Legris push-in fittings, the calibration of PA tubing ensures perfect sealing based on NF E49-100.

Packaging

Tubepack*: 25 m, 100 m
Drum: 500 m, 1000 m







1025P..R Fireproof High Resistant Polyamide (PA)

Tubepack® 25 m

O.D. (mm)	I.D. (mm)	 R	 Clear					kg
4	2	17	1025P04R00	1025P04R01	1025P04R02	1025P04R03	1025P04R04	0.367
6	4	29	1025P06R00	1025P06R01	1025P06R02	1025P06R03	1025P06R04	0.554
8	6	40	1025P08R00	1025P08R01	1025P08R02	1025P08R03	1025P08R04	0.554
10	8	77	1025P10R00	1025P10R01	1025P10R02	1025P10R03	1025P10R04	0.721
12	9	92	1025P12R00	1025P12R01	1025P12R02		1025P12R04	1.345







1100P..R Fireproof High Resistant Polyamide (PA)

Tubepack® 100 m

O.D. (mm)	I.D. (mm)	 R	 Clear					kg
4	2	17	1100P04R00	1100P04R01	1100P04R02	1100P04R03	1100P04R04	1.308
6	4	29	1100P06R00	1100P06R01	1100P06R02	1100P06R03	1100P06R04	1.308
8	6	40	1100P08R00	1100P08R01	1100P08R02	1100P08R03	1100P08R04	2.122
10	8	77	1100P10R00	1100P10R01	1100P10R02	1100P10R03	1100P10R04	2.725
12	9	92	1100P12R00	1100P12R01			1100P12R04	5.052







2005P..R Fireproof High Resistant Polyamide (PA)

Drum 500 m

O.D. (mm)	I.D. (mm)	 R	 Clear					kg
8	6	40	2005P08R00	2005P08R01	2005P08R02	2005P08R03	2005P08R04	17.500
10	8	77	2005P10R00	2005P10R01	2005P10R02	2005P10R03	2005P10R04	22.800

2010P..R Fireproof High Resistant Polyamide (PA)

Drum 1000 m

O.D. (mm)	I.D. (mm)	 R	 Clear					kg
4	2	17	2010P04R00	2010P04R01	2010P04R02	2010P04R03	2010P04R04	14.300
6	4	29	2010P06R00	2010P06R01	2010P06R02	2010P06R03	2010P06R04	23.000

Related Products

Fireproof high resistance tubing can be connected to various fittings presented in this catalogue in Chapter 1.

Push-In Fittings**LF 3000* LF 3600**
P. 1-4 P. 1-65**LF 3800/LF 3900**
P. 1-77**LF 6100**
P. 1-89**Compression Fittings****Brass Brass Tube Support**
P. 5-5 P. 5-5

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