

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

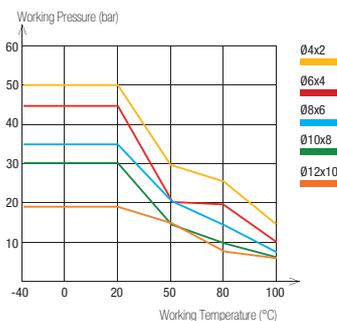
Compatible Fluids	Compressed air, lubricants Other fluids: please consult us
Working Pressure	Vacuum to 50 bar
Working Temperature	-40°C to +100°C
Component Materials	Polyamide (63 shore D)

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)

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).

Performance of Fireproof High Resistance PA Tubing



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

Packaging

Tube pack: 25 m, 100 m
 Drum: 500 m, 1 000 m

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

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

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

TubePack® 25 m

O.D. (mm)	I.D. (mm)							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)							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)							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)							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* P. 1-4 **LF 3600** P. 1-65 **LF 3800/LF 3900** P. 1-77 **LF 6100** P. 1-89



Compression Fittings

Brass P. 5-5 **Brass Tube Support** P. 5-5

