

Antistatic PU Tubing

With a constant **10² Ω.m resistivity** across the entire thickness of the tubing wall, this tubing guarantees **perfect dissipation of accumulated static electricity**, thereby increasing safety.

Product Advantages

Security

- Low resistivity throughout the material
- Suitable for ATEX* areas
- Superior longevity
- Excellent vibration absorption
- UV-resistant
- Silicone-free

Machinery Optimisation

- Minimum bend radius allowing maximum space saving
- Good chemical resistance
- Wide temperature range
- Stable chemical characteristics throughout tubing



Antistatic Packaging
Pneumatics
Electronics
Spray Painting
Electrical Converters

Applications

Technical Characteristics

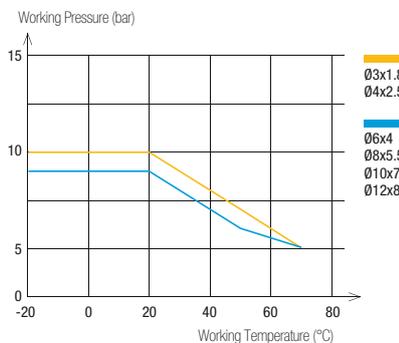
Compatible Fluids	Compressed air, industrial fluids
Working Pressure	Vacuum to 10 bar
Working Temperature	-20°C to +70°C
Component Materials	Polyurethane with conductive additive (50 shore D)

Regulations

DI: 94/9/EC (ATEX*)
DI: 1907/2006 (REACH)
DI: 2002/95/EC (RoHS), 2011/65/EC
*For ATEX areas, please consult us

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 Antistatic PU Tubing



Tube O.D.	Tube O.D. Tolerance
3 to 8 mm	+0.10 / -0.10
10 to 12 mm	+0.15 / -0.15

Packaging
Tubepack*: 25 m, 100 m

Connected to Parker Legris push-in fittings, the calibration of Parker Legris tubing ensures perfect sealing based on NF E49-101.

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

1025U..A Anti-Static Polyurethane (PU) Ester Tubing

Tubepack® 25 m

O.D. (mm)	I.D. (mm)	 R		kg
4	2.5	12	1025U04A01	0.310
6	4	15	1025U06A01	0.591
8	5.5	25	1025U08A01	0.971

1100U..A Anti-Static Polyurethane (PU) Ester Tubing

Tubepack® 100 m

O.D. (mm)	I.D. (mm)	 R		kg
3	1.8	10	1100U03A01	0.836
4	2.5	12	1100U04A01	1.092
6	4	15	1100U06A01	2.064
8	5.5	25	1100U08A01	3.610
10	7	35	1100U10A01	6.105
12	8	45	1100U12A01	8.610

Related Products

To maintain the antistatic properties throughout the circuit, it is recommended that this tubing be used with metallic fittings.

Push-In Fittings

[LF 3600](#) P. 1-65



[LF 3800](#) P. 1-77



[LF 3900](#) P. 1-77



Compression Fittings

[Brass](#) P. 5-5



[Stainless Steel](#) P. 5-31

