Anti-Spark PU Tubing



The anti-spark PU tubing is available in 2 versions, mainly for welding applications : PU ether single layer or PVC coated, spark resistant, without compromising flexibility.

Ø metric:
6 to 12 mm

Technical Characteristics

- **Compatible Fluids:** Industrial fluids, compressed air, coolants
- **Working Pressure:** Vacuum to 14 bar
- **Working Temperature:** -20°C to +70°C
- **Component Materials:** PU ether with PVC sheath
  PU ether single layeradditive (50 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).

Advantages

Single-layer PU:

- Flexible for an optimized bending radius
- Flexible for a long service life at high speeds

PVC coated PU:

- Self-extinguishing PVC sheath to protect the inner tube
- Resistant to torsion, crushing

Performance

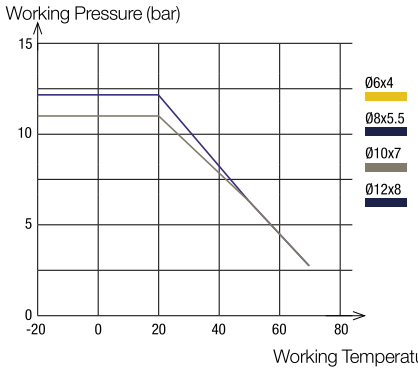
Tube O.D.	Tube O.D. Tolerance	Thickness and Tolerances of PVC Sheath
6 to 8 mm	+0.10 / -0.10	1mm +0.10 / -0.10
10 to 12 mm	+0.15 / -0.15	

Connected to Parker Legris push-in fittings, the calibration of Parker Legris tubing ensures perfect sealing based on NF E49-101 (inner tubing for sheathed or single layer tubing).

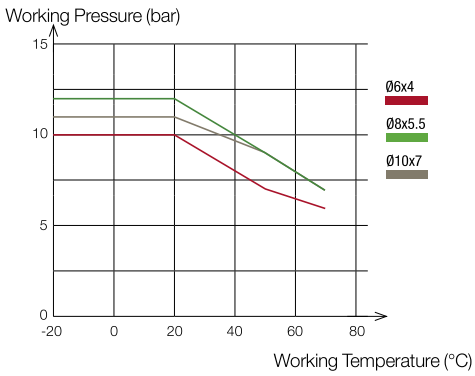
Regulations

- **UL94 (fire resistance)**
- **RoHS**
- **REACH**

Anti-Spark PU Tubing, with PVC Sheath



Anti-Spark PU Tubing, Single Layer



To calculate burst pressure, the values in these graphs should be multiplied by 3.

1025U..V Anti-Spark Sheath Polyurethane (PU) Ether Tubing

Tubepack® 25 m

ØD ext.	ØD int.	R					Kg
6	4	12	1025U06V01		1025U06V03	1025U06V04	1.200
8	5.5	20	1025U08V01		1025U08V03	1025U08V04	1.620
10	7	25	1025U10V01		1025U10V03	1025U10V04	2.900
12	8	35	1025U12V01	1025U12V02	1025U12V03		4.030

1100U..V Anti-Spark Sheath Polyurethane (PU) Ether Tubing

Tubepack® 100 m

ØD ext.	ØD int.	R			Kg
6	4	12	1100U06V01		5.370
8	5.5	20	1100U08V01	1100U08V02	7.626
10	7	25	1100U10V01		10.864

1025U..K Single Layer Anti-Spark Polyurethane (PU) Ether Tubing

Tubepack® 25 m

ØD ext.	ØD int.	R					Kg
6	4	15	1025U06K01	1025U06K02	1025U06K03	1025U06K04	0.580
8	5.5	20	1025U08K01	1025U08K02	1025U08K03	1025U08K04	0.860
10	7	25	1025U10K01	1025U10K02	1025U10K03	1025U10K04	1.230

1100U..K Single Layer Anti-Spark Polyurethane (PU) Ether Tubing

Tubepack® 100 m

ØD ext.	ØD int.	R					Kg
6	4	15	1100U06K01	1100U06K02	1100U06K03	1100U06K04	2.320
8	5.5	20	1100U08K01	1100U08K02	1100U08K03		3.030
10	7	25	1100U10K01	1100U10K02	1100U10K03	1100U10K04	5.100

6000 71 00 Stripping Tool for Anti-Spark Tubing

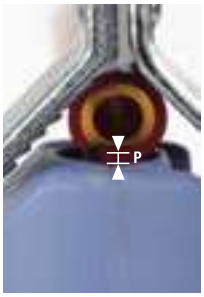
Technical polymer, stainless steel



	Kg
6000 71 00	0.098

Working Principle

Stripping Tool **6000 71 00**



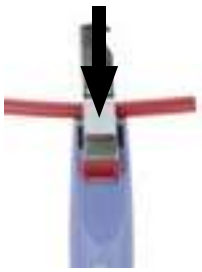
1. Place tube in stripping tool to adjust the blade height to the tube thickness.



2. Blade height is adjusted using the wheel at the bottom of the handle.



3. Once adjustments have been made, perform a 360° rotation around the tube with the tool.



4. Push down firmly on the metal part of the tool in order to hold tube properly.



5. Move the tool to the end of the tube to create an axial opening of the sheath.



6. The tube is correctly stripped.