



# Parker Legris Anti-Spark PU Tubing



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Combining **outstanding spark resistance** with superb **flexibility**, this range is perfectly suited for welding applications.

This PU-ether single layer tubing allows **rapid installation** with Parker Legris push-in fittings.

## Product Advantages

### Performance & Safety

- Minimum bend radius for maximum space saving
- Significant flexibility for rapid cycling
- Good chemical resistance
- Flow direction marking
- Fireproof material
- Silicone-free, phthalate-free and BPA-free
- Zero halogen, low smoke
- Good resistance to UV, especially for the black colour



- Applications
- Industrial Machinery
  - Compressed Air
  - Robotics
  - Mechanical Constraints
  - Cooling
  - Welding
  - Cabling

## Technical Characteristics

<b>Compatible Fluids</b>	Industrial fluids, compressed air, coolants
<b>Working Pressure</b>	Vacuum to 14 bar
<b>Working Temperature</b>	-20°C to +70°C Up to +90°C for sizes 6 mm and 8 mm with a maximum working pressure of 5 bar (safety coefficient x3)
<b>Component Materials</b>	PU ether single layer

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

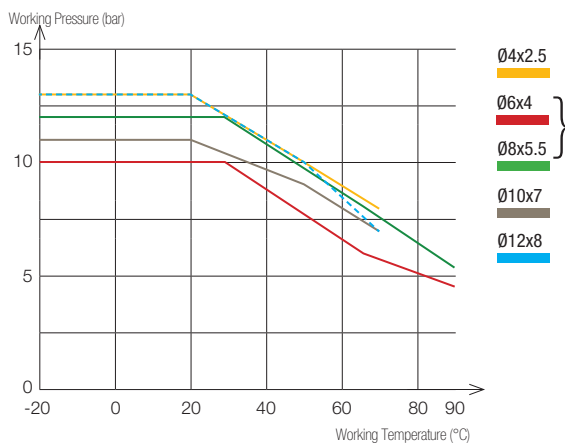
**UL94V0-V2** and **EN45545**: low smoke according to tests following the protocol **ISO 4892**: good UV resistance, after 500h of test exposure in a QUV climatic room, the tube has not suffered of any structure modification  
**DI**: 2002/95/EC (RoHS), 2011/65/EC  
**RG**: 1907/2006 (REACH)

### Packaging

**TubePack®**: 25 m, 100 m  
 6 mm and 8 mm can be supplied on 300 m drums

## Tubing Performance

### Anti-Spark PU Tubing, Single Layer



**Additional Characteristics**  
**O.D. 6 mm and 8 mm Tubing**

Tested Working Temperature: 90°C  
 Recommended Working Pressure: 5 bar  
 (safety coefficient x3)

Tube O.D.	Tube O.D. Tolerance
4 to 8 mm	+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.

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








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

Tubepack® 25 m

O.D. (mm)	I.D. (mm)	 R					kg
4	2.5	12	1025U04K01	1025U04K02	1025U04K03	1025U04K04	0.230
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
12	8	35	1025U12K01	1025U12K02	1025U12K03	1025U12K04	2.080
14	9.5	45		1025U14K02 95	1025U14K03 95		2.620






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

Tubepack® 100 m

O.D. (mm)	I.D. (mm)	 R					kg
4	2.5	12	1100U04K01				0.900
6	4	15	1100U06K01	1100U06K02	1100U06K03	1100U06K04	2.320
8	5.5	20	1100U08K01	1100U08K02	1100U08K03	1100U08K04	3.030
10	7	25	1100U10K01	1100U10K02	1100U10K03	1100U10K04	5.100
12	8	35	1100U12K01	1100U12K02	1100U12K03	1100U12K04	8.600
14	9.5	45		1100U14K02 95	1100U14K03 95		10.676

## 2003U..K Single Layer Anti-Spark Polyurethane (PU) Ether Tubing

Tubepack® 300 m

O.D. (mm)	I.D. (mm)	 R					kg
6	4	15	2003U06K01				6.960
8	5.5	20	2003U08K01		2003U08K03		15.150

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