

Anti-Spark PU Tubing

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

Two types of PU - either with PVC sheath or single layer ether - are available and allow **rapid installation** with Parker Legris push-in fittings.

Product Advantages

PU with PVC Sheath

- High resistance to kinking and abrasion
- Non-adhesive jacket facilitating sheath removal
- Fluid direction marking
- Self-extinguishing sheath, protecting the inner tubing
- Silicone-free

Single Layer PU

- Minimum bend radius for maximum space saving
- Significant flexibility for rapid cycling
- Good chemical resistance
- Flow direction marking
- Fireproof material
- Silicone-free



Industrial Machinery
Compressed Air
Robotics
Mechanical Constraints
Cooling
Welding
Cauling

Applications

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 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).

O.D. of Tube	Sheath Removal Length for LF 3600 (mm)
4 mm	15 ± 1
6 mm	18 ± 1
8 mm	19 ± 1
10 mm	24 ± 1
12 mm	25 ± 1

For other fitting ranges, please consult us.

Regulations

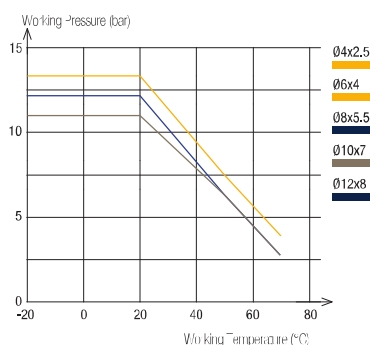
UL94 V-0 (- for resistance)
Dl: 2007/30/EC (HCS),
2011/65/EC
RG: 1907/2006 (REACH)

Packaging

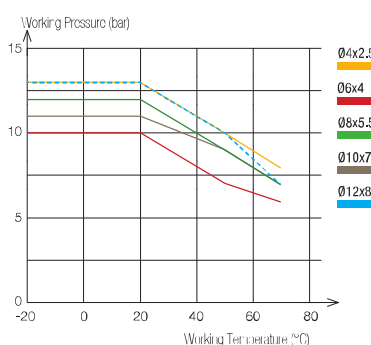
Tubepack®: 25 m, 100 m

Tubing Performance

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.

Tube O.D.	Tube O.D. Tolerance	Thickness and Tolerances of PVC Sheath
4 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).



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

Tubepack® 25 m

O.D. (mm)	I.D. (mm)	 R					kg
6	4	12	1025U06V01	1025U06V02	1025U06V03	1025U06V04	1.200
8	5.5	20	1025U08V01	1025U08V02	1025U08V03	1025U08V04	1.620
10	7	25	1025U10V01	1025U10V02	1025U10V03	1025U10V04	2.900
12	8	35	1025U12V01	1025U12V02	1025U12V03	1025U12V04	4.030

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

Tubepack® 100 m

O.D. (mm)	I.D. (mm)	 R					kg
6	4	12	1100U06V01	1100U06V02	1100U06V03	1100U06V04	5.370
8	5.5	20	1100U08V01	1100U08V02	1100U08V03	1100U08V04	7.630
10	7	25	1100U10V01	1100U10V02	1100U10V03	1100U10V04	10.860
12	8	35	1100U12V01	1100U12V02	1100U12V03	1100U12V04	15.060

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

6000 71 00 Stripping Tool for Anti-Spark Tubing

	Technical polymer, stainless steel	kg
	6000 71 00	0.098
	Working principle of the stripping tool page 3-17	