

# Anti-Spark PA Tubing with PVC Sheath

A range of **flame and spark-resistant** PA tubing with superior resistance to impact and abrasion, improving equipment **durability**, particularly in areas subject to weld spatter.

## Product Advantages

### Spark Resistance

Flame-retardant PVC jacket protects inner tubing  
Non-adhesive jacket facilitates sheath removal  
Excellent pressure resistance at high temperature

### Robustness & Durability

Highly kink and crush-resistant  
Excellent compatibility with coolants  
Flow direction marking  
Silicone-free



Industrial Machinery  
Welding Robots  
Cooling  
Aggressive Environments

Applications

## Technical Characteristics

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Compatible Fluids   | Hot and cold water, refrigerated fluids, compressed air |
| Working Pressure    | 0 to 36 bar                                             |
| Working Temperature | -20°C to +80°C                                          |
| Component Materials | Polyamide & PVC Sheath                                  |

### Regulations

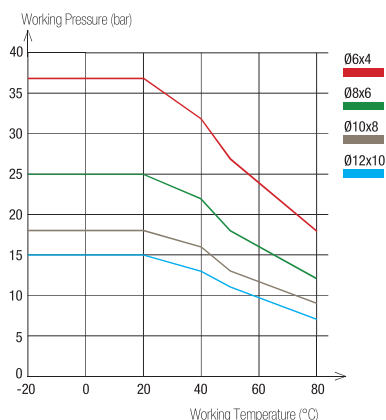
**Industrial**  
DI: 2002/95/EC (RoHS), 2011/65/EC  
DI: 97/23/EC (PED)  
RG: 1907/2006 (REACH)  
UL94 V-0 (Fire resistance)

### Packaging

Tubepack®: 25 m, 100 m

Reliable performance is dependent upon the type of fluid conveyed and fittings being used.

### Performance of Anti-Spark PA Tubing with PVC Sheath



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

| O.D.                    | Tube O.D. Tolerance | PVC Sheath Thickness |
|-------------------------|---------------------|----------------------|
| PVC Sheath 8 to 14 mm   | +0.10 / -0.10       | 1 mm                 |
| Inner Tubing 6 to 12 mm | +0.05 / -0.10       |                      |

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

| Tube O.D. | Sheath Removal Length for LF 3600 Push-In Fittings (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.

**1025P..V**

## Anti-Spark Polyamide (PA) Tubing

Tubepack® 25 m

| Ø ext.<br>(mm) | Ø int.<br>(mm) |  |  |  |  | kg    |
|----------------|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
| 6              | 4              | 25                                                                                | 1025P06V01                                                                        | 1025P06V03                                                                        | 1025P06V04                                                                          | 1,238 |
| 8              | 6              | 30                                                                                | 1025P08V01                                                                        | 1025P08V03                                                                        | 1025P08V04                                                                          | 1,693 |
| 10             | 8              | 55                                                                                | 1025P10V01                                                                        | 1025P10V03                                                                        | 1025P10V04                                                                          | 2,029 |
| 12             | 10             | 70                                                                                | 1025P12V01                                                                        |                                                                                   | 1025P12V04                                                                          | 2,970 |

**1100P..V**

## Anti-Spark Polyamide (PA) Tubing

Tubepack® 100 m

| Ø ext.<br>(mm) | Ø int.<br>(mm) |  |  |  |  | kg    |
|----------------|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
| 6              | 4              | 25                                                                                | 1100P06V01                                                                        | 1100P06V03                                                                        | 1100P06V04                                                                          | 2,338 |
| 8              | 6              | 30                                                                                | 1100P08V01                                                                        | 1100P08V03                                                                        | 1100P08V04                                                                          | 3,767 |
| 10             | 8              | 55                                                                                | 1100P10V01                                                                        | 1100P10V03                                                                        | 1100P10V04                                                                          | 4,767 |
| 12             | 10             | 70                                                                                | 1100P12V01                                                                        |                                                                                   | 1100P12V04                                                                          | 6,567 |

**6000 71 00**

## Stripping Tool for Anti-Spark Tubing

Technical polymer, stainless steel

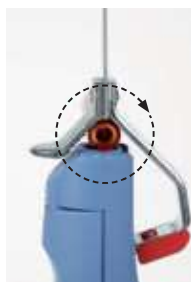
|  | kg    |
|------------------------------------------------------------------------------------|-------|
| 6000 71 00                                                                         | 0,098 |

**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.