

PA Recoil Tubing

Parker Legris recoil tubing has a **lasting memory after multiple uses**, offering an **alternative to reels** for excellent ergonomics and space saving. The pre-assembled tubes are equipped with a protection spring, preventing damage to the ends.

Product Advantages

| | |
|--|--|
| Excellent Mechanical Properties | Low pressure drop |
| | Good chemical compatibility |
| | Self-retracting |
| | Identical technical performance to PA tubing |
| Comprehensive Range | Silicone-free |
| | Ready-to-use |
| | Various colours for circuit identification |
| | Available with pre-assembled connectors |



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Applications

Technical Characteristics

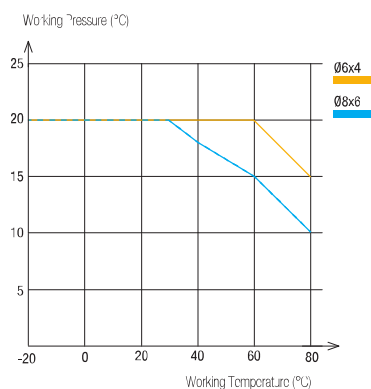
| | |
|----------------------------|--|
| Compatible Fluids | Compressed air, lubricants, Other fluids: please consult us |
| Working Pressure | Vacuum to 20 bar |
| Working Temperature | -20°C to +80°C |
| Component Materials | Polyamide (68 Shore D) |

Regulations

DI: 97/23/EC (PED)
RG: 1907/2006 (REACH)
DI: 2002/95/EC (RoHS), 2011/65/EC

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 PA Recoil Tubing



| Tube O.D. | Passage | Tube O.D. Tolerance |
|-----------|---------|---------------------|
| 6 mm | 4 mm | +0.05 / -0.10 |
| 8 mm | 6 mm | +0.05 / -0.10 |

Packaging

Plastic bags: 2m to 6 m
Other lengths and colours on request

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



1470P Polyamide (PA) Recoil Tubing 2 m, Male BSPT Fitting

| O.D. (mm) | I.D. (mm) | BSPT Thread | | | Total Closed Length (mm) | O.D. of Coil (mm) | kg |
|--------------|--------------|----------------|--|---------------|--------------------------------|----------------------|-------|
| 6 | 4 | R1/4 | | 1470P06 04 13 | 520 | 60 | 0.143 |
| 8 | 6 | | | 1470P08 04 13 | 560 | 70 | 0.171 |

Length of long straight section: 300 mm
Length of short straight section: 100 mm

1471P Polyamide (PA) Recoil Tubing 4 m, Male BSPT Fitting

| O.D. (mm) | I.D. (mm) | BSPT Thread | | | Total Closed Length (mm) | O.D. of Coil (mm) | kg |
|--------------|--------------|----------------|--|---------------|--------------------------------|----------------------|-------|
| 6 | 4 | R1/4 | | 1471P06 04 13 | 640 | 60 | 0.199 |
| 8 | 6 | | | 1471P08 04 13 | 720 | 70 | 0.249 |

Length of long straight section: 300 mm
Length of short straight section: 100 mm

1472P Polyamide (PA) Recoil Tubing 6 m, Male BSPT Fitting

| O.D. (mm) | I.D. (mm) | BSPT Thread | | | Total Closed Length (mm) | O.D. of Coil (mm) | kg |
|--------------|--------------|----------------|--|---------------|--------------------------------|----------------------|-------|
| 6 | 4 | R1/4 | | 1472P06 04 13 | 760 | 60 | 0.260 |
| 8 | 6 | | | 1472P08 04 13 | 880 | 70 | 0.329 |

Length of long straight section: 300 mm
Length of short straight section: 100 mm

Dimensions for Recoil Tubing

Service length: maximum recommended operating length in order to ensure that the coil will continue to contract after multiple uses.

