

PA Tubing

Tried-and-tested for industrial or vehicle applications, PA tubing guarantees **excellent durability** due to its stable long-term mechanical properties.

Parker Legris' special grade of semi-rigid polyamide is manufactured according to our **Eco-Design** approach for higher performance.

Product Advantages

Tried-&-Tested Material

- Good chemical and humidity resistance
- Excellent material stability (mechanical and chemical)
- Continuous calibration during production for excellent reliability
- Two material grades: rigid and semi-rigid
- Bio-based semi-rigid material

Versatility & Performance

- Wide range of working pressure and temperature
- Good vibration absorption
- Abrasion-resistant
- Remaining length marking
- Large choice of colours to facilitate circuit identification
- Silicone-free



Applications

- Packaging
- Tooling
- Compressed Air
- Motion Technologies
- Robotics
- Industrial Machinery

Technical Characteristics

Tubing	Semi-Rigid PA	Rigid PA
Compatible Fluids	Compressed air, other fluids	Compressed air, lubricants, other fluids
Working Pressure	Vacuum to 50 bar	Vacuum to 60 bar
Working Temperature	-40°C to +100°C	-40°C to +80°C
Component Materials	Bio-based polyamide (68 shore D)	Polyamide (65 shore D)

Regulations

Industrial

DI: 2002/95/EC (RoHS), 2011/65/EC

DI: 97/23/EC (PED)

RG: 1907/2006 (REACH)

Transportation

Chemical performance and resistance tested according to DIN 74324 -1 / DIN 73378 / ISO 7628

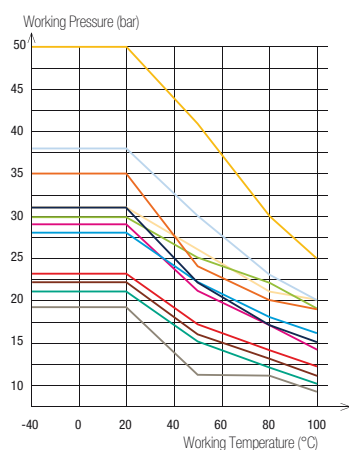
Packaging

TubePack®: 25 m, 100 m
Drum: 500 m, 1 000 m

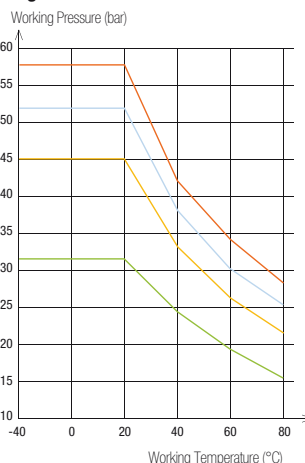
Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Performance of PA Tubing

Semi-Rigid



Rigid



Tube O.D.	Tube O.D. Tolerance
3 to 5 mm	+0.05 / -0.08
6 to 16 mm	+0.05 / -0.10

Connected to Parker Legris push-in fittings, the calibration of Parker Legris tubing ensures perfect sealing in accordance with NF E49-100.