

PVC Braided Hose

Parker Legris offers two **grades of PVC** which cover a wide range of industrial applications for the **transportation of various fluids**.

Product Advantages

Food-Grade PVC Monograde tubing reinforced with a braided polyester ply
 Flexible: space saving during installation
 Translucent for visual identification:

- of the fluid
- of inner cleanliness
- of fluid flow

Food-grade, without phthalates
 Silicone-free

Industrial PVC Tubing with a braided polyester ply between 2 grades of PVC
 Resistant to abrasion, impact and crushing
 Increased durability
 Lightweight and easy-to-use
 Silicone-free



Applications

- Robotics
- In-Plant Automotive
- Pneumatics
- Semi-Conductors
- Textile
- Packaging
- Vacuum

Technical Characteristics

Hose	Food-Grade PVC	Industrial PVC
Compatible Fluids	Compressed air, other fluids	Compressed air
Working Pressure	0 to 15 bar	0 to 15 bar
Working Temperature	-20°C to +70°C	-25°C to +60°C
Component Materials	Translucent food-grade PVC, phthalate-free with polyester braid	Industrial blue PVC, multi-layer, with polyester braid

Regulations

Food-Grade PVC

FDA: 21 CFR 177.1550
 RG: 1907/2006 (REACH)
 RG: 1935/2004
 DI: 2002/95/EC (RoHS), 2011/65/EC
 DI: 2007/10/EC (phthalates)

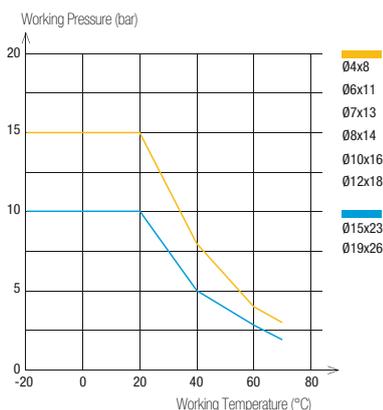
Industrial PVC

DI: 97/23/CE (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.

Hose Performance

Food-Grade PVC



Hose Type	Hose I.D.	Hose I.D. Tolerance
Food-Grade PVC	4 to 6 mm	+0.5 / -0.5
	7 to 12 mm	+0.6 / -0.6
	15 to 19 mm	+0.8 / -0.8
Industrial PVC	6.3 mm	+0.3 / -0.3
	9 mm	+0.5 / -0.5
	12.7 mm	+0.6 / -0.6

Packaging

Reel: 25 m, 50 m
 (with protective plastic bag)

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