

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)

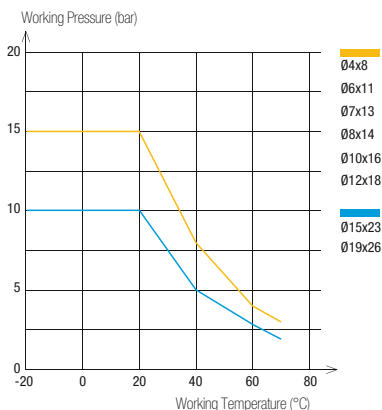
Industrial PVC

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.

1025V

Food-Grade Braided PVC Hose



Reel 25 m

O.D. (mm)	I.D. (mm)	 R	 Clear	kg
8	4	10	1025V08 00 04	1.260
11	6	12	1025V11 00 06	2.253
13	7	14	1025V13 00 07	3.182
14	8	16	1025V14 00 08	3.434
16	10	25	1025V16 00 10	3.800
18	12	30	1025V18 00 12	4.423
23	15	40	1025V23 00 15	7.300
26	19	60	1025V26 00 19	7.300

1050V

Food-Grade Braided PVC Hose



Reel 50 m

O.D. (mm)	I.D. (mm)	 R	 Clear	kg
8	4	10	1050V08 00 04	2.690
11	6	12	1050V11 00 06	4.200
13	7	14	1050V13 00 07	5.966
14	8	16	1050V14 00 08	6.058
16	10	25	1050V16 00 10	6.400
18	12	30	1050V18 00 12	8.250
23	15	40	1050V23 00 15	14.600
26	19	60	1050V26 00 19	14.600

1025V..C

Industrial-Grade Braided PVC Hose



Reel 25 m

O.D. (mm)	I.D. (mm)	 R		kg
11	6	45	1025V11C04 06	2.175
14	9	63	1025V14C04 09	3.250
19	13	89	1025V19C04 13	4.975

1050V..C

Industrial-Grade Braided PVC Hose

Reel 50 m

O.D. (mm)	I.D. (mm)	 R		kg
11	6	45	1050V11C04 06	4.350
14	9	63	1050V14C04 09	6.500
19	13	89	1050V19C04 13	9.950

Related Products

PVC tubing is designed for use with Parker Legris barb connectors and couplers.

Barb Connectors

0191 P. 9-16



0123 P. 9-10



Couplers

C 9000 P. 8-7



Metal P. 8-18

