

# 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 phtalates  
 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
<b>Compatible Fluids</b>	Compressed air, other fluids	Compressed air
<b>Working Pressure</b>	0 to 15 bar	0 to 15 bar
<b>Working Temperature</b>	-20°C to +70°C	-25°C to +60°C
<b>Component Materials</b>	Translucent food-grade PVC, phtalate-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 (phtalates)

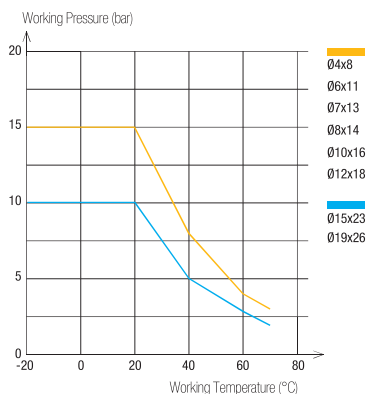
#### Industrial PVC

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
<b>Food-Grade PVC</b>	4 to 6 mm	+0.5 / -0.5
	7 to 12 mm	+0.6 / -0.6
	15 to 19 mm	+0.8 / -0.8
<b>Industrial PVC</b>	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.  
 The performances of the industrial PVC grade are available upon request.

**1025V**

## Food-Grade Braided PVC Hose




Reel 25 m

Ø ext. (mm)	Ø int. (mm)		  clear	kg
8	4	10	<a href="#">1025V08 00 04</a>	1.260
11	6	12	<a href="#">1025V11 00 06</a>	2.253
13	7	14	<a href="#">1025V13 00 07</a>	3.182
14	8	16	<a href="#">1025V14 00 08</a>	3.434
16	10	25	<a href="#">1025V16 00 10</a>	3.800
18	12	30	<a href="#">1025V18 00 12</a>	4.423
23	15	40	<a href="#">1025V23 00 15</a>	7.300
26	19	60	<a href="#">1025V26 00 19</a>	7.300

**1050V**

## Food-Grade Braided PVC Hose



Reel 50 m

Ø ext. (mm)	Ø int. (mm)		  clear	kg
8	4	10	<a href="#">1050V08 00 04</a>	2.690
11	6	12	<a href="#">1050V11 00 06</a>	4.200
13	7	14	<a href="#">1050V13 00 07</a>	5.966
14	8	16	<a href="#">1050V14 00 08</a>	6.058
16	10	25	<a href="#">1050V16 00 10</a>	6.400
18	12	30	<a href="#">1050V18 00 12</a>	8.250
23	15	40	<a href="#">1050V23 00 15</a>	14.600
26	19	60	<a href="#">1050V26 00 19</a>	14.600

**1025V..C**

## Industrial-Grade Braided PVC Hose



Reel 25 m

Ø ext. (mm)	Ø int. (mm)			kg
11	6.3	45	<a href="#">1025V11C04 06</a>	2.175
14	9	63	<a href="#">1025V14C04 09</a>	3.250
19	12.7	89	<a href="#">1025V19C04 13</a>	4.975

**1050V..C**

## Industrial-Grade Braided PVC Hose

Reel 50 m

Ø ext. (mm)	Ø int. (mm)			kg
11	6.3	45	<a href="#">1050V11C04 06</a>	4.350
14	9	63	<a href="#">1050V14C04 09</a>	6.500
19	12.7	89	<a href="#">1050V19C04 13</a>	9.950

**Related Products**

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

**Couplers**
**C 9000** P. 8-7

**Metal** P. 8-18

**Barb Connectors**
**0191** P. 9-16

**0123** P. 9-10
