

# 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
<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, 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)

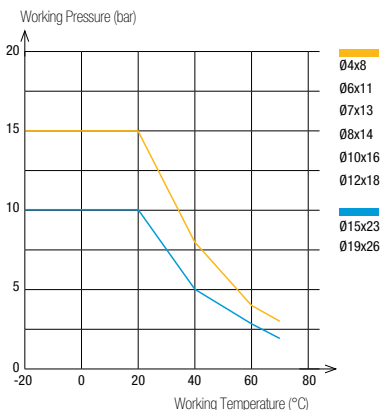
#### Industrial PVC

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
<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.

## 1025V

### Food-Grade Braided PVC Hose



Reel 25 m

O.D. (mm)	I.D. (mm)			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

O.D. (mm)	I.D. (mm)			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

O.D. (mm)	I.D. (mm)			kg
11	6	45	<a href="#">1025V11C04 06</a>	2.175
14	9	63	<a href="#">1025V14C04 09</a>	3.250
19	13	89	<a href="#">1025V19C04 13</a>	4.975

## 1050V..C

### Industrial-Grade Braided PVC Hose

Reel 50 m

O.D. (mm)	I.D. (mm)			kg
11	6	45	<a href="#">1050V11C04 06</a>	4.350
14	9	63	<a href="#">1050V14C04 09</a>	6.500
19	13	89	<a href="#">1050V19C04 13</a>	9.950

## Related Products

PVC tubing is designed for use with Parker Legris barb connectors and couplers. These products can be found in our general catalogue or on our website, [www.parkerlegris.com](http://www.parkerlegris.com).

### Barb Connectors

0191



0123



### Couplers

C 9000



Metal



# Self-Fastening NBR Hose

Parker Legris self-fastening hose is designed according to **CNOMO E07.21.115N\***. This range of hose should be used with Legris barb connectors and provides both the **reliability** of self-fastening technology and **simplicity of installation**.

## Product Advantages

**Exceptional Endurance** | Unsurpassed resistance to repetitive flexing  
Protection against spark and flame  
Abrasion and crush-resistant  
UV-resistant

**Ideal for In-Plant Automotive** | Excellent ozone resistance  
Perfect for cooling systems  
Maximum flow with no pressure drop  
4 colours for immediate circuit identification  
Silicone-free

**Ready-To-Use** | No lubrication, additive (grease, oil, ...etc), or preparation time required  
To connect: push the hose fully home against the fitting shoulder  
To disassemble: cut the hose on the barbed side of the fitting



In-Plant Automotive  
Cooling  
Welding Robots  
Pneumatics  
Industrial Machinery

Applications

## Technical Characteristics

<b>Compatible Fluids</b>	Coolants, compressed air
<b>Working Pressure</b>	0 to 16 bar
<b>Working Temperature</b>	-20°C to +100°C
<b>Component Materials</b>	Nitrile butadiene rubber & textile braid

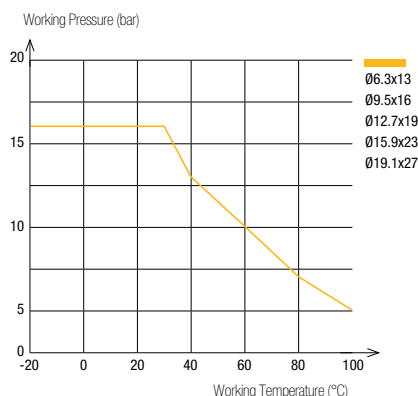
### Regulations

NFT 46-019-1  
NFT 47 252  
RG: 1907/2006 (REACH)  
DI: 2002/95/EC (RoHS), 2011/65/EC  
CNOMO: E07.21.115N

**\*CAUTION:** CNOMO certification is valid exclusively for red and green hose, only when connected to Legris' CNOMO-certified barb connectors 0132, 0133 and 0134.

Reliable performance is dependent upon the type of fluid conveyed and fittings being used.

### Performance of Self-Fastening NBR Hose



DN mm CNOMO	DN (standard)	Hose I.D. (mm)	Hose I.D. Tolerance (mm)
6	1/4"	6.3 mm	+0.4 / -0.4
8	3/8"	9.5 mm	+0.5 / -0.5
12 16 20	1/2" 5/8" 3/4"	12.7 mm 15.9 mm 19.1 mm	+0.6 / -0.6

### Packaging






Drum: 20 m, 40 m, 80 m, 100 m

Use with water: maximum temperature 100°C  
Use with air: maximum temperature 70°C

To calculate burst pressure, the values in this graph should be multiplied by 3.

## 1040H Braided Self-Fastening NBR Hose






Drum 40 m

DN	O.D. (mm)	I.D. (mm)						kg
1/4	13	6.3	60	<a href="#">1040H56 01</a>	<a href="#">1040H56 02</a>	<a href="#">1040H56 03</a>	<a href="#">1040H56 04</a>	7.000
3/8	16	9.5	70	<a href="#">1040H60 01</a>	<a href="#">1040H60 02</a>	<a href="#">1040H60 03</a>	<a href="#">1040H60 04</a>	8.600
1/2	19	12.7	120	<a href="#">1040H62 01</a>	<a href="#">1040H62 02</a>	<a href="#">1040H62 03</a>	<a href="#">1040H62 04</a>	9.450
5/8	23	15.9	140	<a href="#">1040H66 01</a>	<a href="#">1040H66 02</a>	<a href="#">1040H66 03</a>	<a href="#">1040H66 04</a>	13.000
3/4	27	19.1	170	<a href="#">1040H69 01</a>	<a href="#">1040H69 02</a>	<a href="#">1040H69 03</a>	<a href="#">1040H69 04</a>	16.500

Also available in 20 m length upon request

## 1080H Braided Self-Fastening NBR Hose






Drum 80 m

DN	O.D. (mm)	I.D. (mm)						kg
5/8	23	15.9	140	<a href="#">1080H66 01</a>	<a href="#">1080H66 02</a>	<a href="#">1080H66 03</a>	<a href="#">1080H66 04</a>	26.160
3/4	27	19.1	170	<a href="#">1080H69 01</a>	<a href="#">1080H69 02</a>	<a href="#">1080H69 03</a>	<a href="#">1080H69 04</a>	33.160

Also available in 20 m length upon request

## 1100H Braided Self-Fastening NBR Hose

Drum 100 m

DN	O.D. (mm)	I.D. (mm)						kg
1/4	13	6.3	60	<a href="#">1100H56 01</a>	<a href="#">1100H56 02</a>	<a href="#">1100H56 03</a>	<a href="#">1100H56 04</a>	14.660
3/8	16	9.5	70	<a href="#">1100H60 01</a>	<a href="#">1100H60 02</a>	<a href="#">1100H60 03</a>	<a href="#">1100H60 04</a>	20.600
1/2	19	12.7	120	<a href="#">1100H62 01</a>	<a href="#">1100H62 02</a>	<a href="#">1100H62 03</a>	<a href="#">1100H62 04</a>	23.000

Also available in 20 m length upon request

## Related Products

Self-fastening hose is designed for use with Parker Legris brass barb connectors (CNOMO-certified) which you can find in our general catalogue or on our website, [www.parkerlegris.com](http://www.parkerlegris.com).

### Barb Connectors

[0132](#)   [0133 .. 39](#)   [0134](#)



### Installation Tool

**Tool Part Number:**  
[0650 00 00 05](#)

This automatic installation tool reduces the effort required to connect self-fastening hose onto a barb connector.



#### Tube Cutting and Positioning

Cut the tube at a right angle and position the barb connector on the mounting tool.

Barb connector support



#### Press-Fitting the Tube

Activate the press-fit tool; connection is complete when the tube is fully home on the barb connector. This tool has been designed for use with 5 different diameters and is easy to operate.

Barb connector support

