

PVC Braided Hose



Made of industrial or food grade PVC, this braided hose covers a wide range of industrial applications for fluid transport.

Legris Ø metric: 4 to 19 mm
Rectusoft Ø metric: 11 to 19 mm

Legris PVC Braided Hose

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

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

Advantages

Food Grade PVC

- Monograde tube without phthalates or silicone
- Translucent to visualize fluid, turbulence, cleanliness of the circuit

Industrial PVC

- Braided reinforcement between two grades of PVC
- Mechanical resistance to abrasion, impact, crushing

Regulations

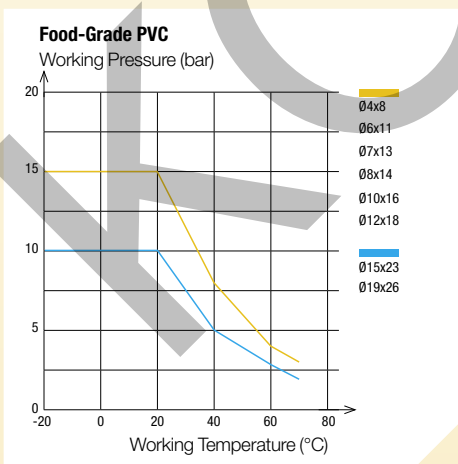
Food Grade PVC:

- FDA
- REACH
- 1935/2004
- RoHS

Industrial PVC:

- PED
- REACH
- RoHS

Performance of Legris PVC Braided Hose



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.

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)

Rectusoft PVC Braided Hose

Technical Characteristics	
Max. Operating Pressure	15 bar, at +23°C
Working Temperature	-15°C to +60°C
Bursting Pressure	63 bar, at +23°C
Component Materials	Textile-reinforced, 3-ply PVC hose with polyester thread insert



Advantages

- Low weight
- Very high flexibility
- Highly resistant
- High resistance to pressure
- UV-resistant
- Long service life
- Shock and thread-resistant, non buckling

PVC Braided Hose



1025V Food-Grade Braided PVC Hose

Reel 25 m

ØD ext.	ØD int.		 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

ØD ext.	ØD int.		 clear	Kg
8	4	10	1050V08 00 04	2.690
11	6	12	1050V11 00 06	4.200
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

ØD ext.	ØD int.			Kg
11	6.3	45	1025V11C04 06	2.175
14	9	63	1025V14C04 09	3.250
19	12.7	89	1025V19C04 13	4.975

PVC../050 RECTUSOFT - Straight Hoses

Reel 50 m

ØD ext.	ØD int.		O.D. of Coil
11	6.3	PVC06/050/03	45
14.5	9	PVC09/050/03	63
19	12.7	PVC12/050/03	89

Related Products

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

Couplers

C 9000



Metal



Barb Connectors

0191



0123



Self-Fastening NBR Hose



Designed according to CNOMO E07.21.115N* standard for automotive process applications, the self-tightening hose is used with barb connectors.

Legris Ø metric: 13 to 27 mm

Legris Self-Fastening NBR Hose

Technical Characteristics

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

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

Advantages

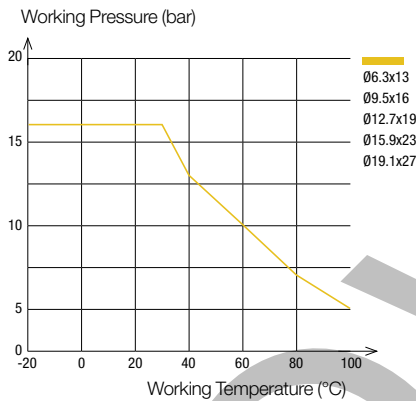
- Designed for compressed air and cooling systems, with maximum flow rate
- 4 colours for circuit identification
- Chemical resistance: UV and ozone
- Mechanical resistance: to repetitive flexing, flames and sparks, abrasion and crushing

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

Regulations

- REACH
- PED
- RoHS

Performance of Legris Self-Fastening NBR Hose



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

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	1/2"	12.7 mm	+0.6/-0.6
16	5/8"	15.9 mm	
20	3/4"	19.1 mm	

Packaging

Drum: 40 m, 80 m, 100 m

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

1040H Braided Self-Fastening NBR Hose

Drum 40 m

DN	ØD ext.	ØD int.	Barb	1040H56 01	1040H56 02	1040H56 03	1040H56 04	Kg
6	13	6.3	60					7.000
8	16	9.5	70					8.500
12	19	12.7	120					10.000
16	23	15.9	140					12.000
20	27	19.1	170					17.500

Also available in 20 m length upon request

1080H Braided Self-Fastening NBR Hose

Drum 80 m






DN	ØD ext.	ØD int.	Barb	1080H66 01	1080H66 02	1080H66 03	1080H66 04	Kg
16	23	15.9	140					26.160
20	27	19.1	170					33.160

Also available in 20 m length upon request

Self-Fastening NBR Hose

1100H Braided Self-Fastening NBR Hose

Drum 100 m

DN	ØD ext.	ØD int.						Kg
6	13	6.3	60		1100H56 02	1100H56 03	1100H56 04	14.660
8	16	9.5	70	1100H60 01	1100H60 02	1100H60 03	1100H60 04	20.000
12	19	12.7	120	1100H62 01	1100H62 02	1100H62 03	1100H62 04	23.000

Also available in 20 m length upon request

Related Products

Self-fastening hose is designed for use with Parker brass barb connectors (CNOMO-certified) or with hose barb couplers.

Barb Connectors

0132 0133 .. 39 0134



Mold Couplers

Series 86/87/88 Series 10/11/12 Series 608



Installation Tool

Tool Part Number:

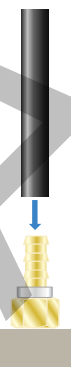
0650 00 00 05

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

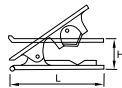
Activate the press-fit tool; connection is complete when the tube is fully home on the barb connector. This tool has been designed for use with 5 different diameters and is easy to operate.



Barb connector support

3000 71 00 Tube Cutter

Technical polymer



H L Kg

3000 71 00	25	79	0.029
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This tool is designed to give a clean cut at right angles to the tube axis for all resilient polymer tubing (polyamide, polyurethane, FEP, polyethylene, etc.) from 4 mm to 16 mm diameter inclusive.

Replacement blades: part number 3000 71 00 05

A spring maintains the cutter in the closed position.

3000 71 11 Tube Cutter

Treated steel



Kg

3000 71 11	0.280
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Replacement blades: part number 3000 71 11 05

6000 71 00 Stripping Tool for Anti-Spark Tubing

Polymère technique, acier inox

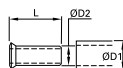


Kg

6000 71 00	0.098
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1827 Stainless Steel Tube Support for Fluoropolymer Tubing

Stainless steel 316L



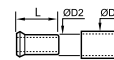
ØD1 ØD2 Kg

6	4	1827 06 00	11.5	0.001
8	6	1827 08 00	14	0.001
10	8	1827 10 00	18	0.001
12	9	1827 12 09	18	0.001
12	10	1827 12 00	18	0.001
16	13	1827 16 13	18	0.002
16	14	1827 16 00	18	0.002

This tube support is necessary when using fluoropolymer tubing at all temperatures compatible with the fitting/tubing assembly.

0127 Brass Tube Support for Polymer Tubing

Brass

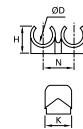


ØD1	ØD2	L	Kg
4	2	0127 04 00	11 0.001
4	2.7	0127 04 27	11 0.001
5	3	0127 05 03	11 0.001
5	3.3	0127 05 00	11.5 0.001
6	4	0127 06 00	11.5 0.001
8	5.5	0127 08 55	14 0.001
8	6	0127 08 00	14 0.001
10	7	0127 10 07	18 0.001
10	7.5	0127 10 75	18 0.001
10	8	0127 10 00	18 0.002
12	8	0127 12 08	26 0.002
12	9	0127 12 09	18 0.002
12	10	0127 12 00	18 0.001
14	11	0127 14 11	16 0.002
14	12	0127 14 00	18 0.002
15	12	0127 15 12	18 0.002
16	13	0127 16 13	18 0.003
18	14	0127 18 14	19.5 0.003
22	16	0127 22 16	21 0.005

This tube support guarantees good gripping, at high temperatures and pressures, by preventing collapsing of the tube.

CLIP Clip Strip for Tubing and Fittings

Technical polymer

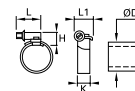


ØD	H	K	N	K	Kg	
4	CLIP 04 00	9	13.5	10.5	13.5	0.007
6	CLIP 06 00	10.5	13	10.5	13	0.008
8	CLIP 08 00	12.5	10.5	12	10.5	0.007
10	CLIP 10 00	14	12	15	12	0.005
12	CLIP 12 00	16.5	14	16.5	14	0.009
14	CLIP 14 00	18	16	20.5	16	0.009

Delivered in boxes of 10 strips of the same diameter (complete with self-tapping screws of 95 mm length) These clips can be used with metric or inch tubing.

0697 Clip for Braided Tubing

Treated steel



ØD	H	K	L	L1	K	Kg	
6-11	0697 00 01	7	5	12	7	5	0.004
10-16	0697 00 02	12	9	21	13	9	0.011
12-22	0697 00 03	12	9	21	13	9	0.014
16-27	0697 00 04	12	9	24	13	9	0.015
20-32	0697 00 05	12	9	24	13	9	0.016