

PA Recoil Tubing



The PA recoil tubing is an alternative to reels thanks to the remanence of the recoil shape given to the PA tubing.

Legris Ø metric: 6 to 8 mm
Rectulastic Ø metric: 4.7 to 15.8 mm

Legris PA Recoil Tubing

Technical Characteristics

- **Compatible Fluids:** Compressed air, lubricants, Other fluids: please consult us
- **Working Pressure:** Vacuum to 20 bar
- **Working Temperature:** -20°C to +80°C
- **Component Materials:** Polyamide (60 Shore D)

Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

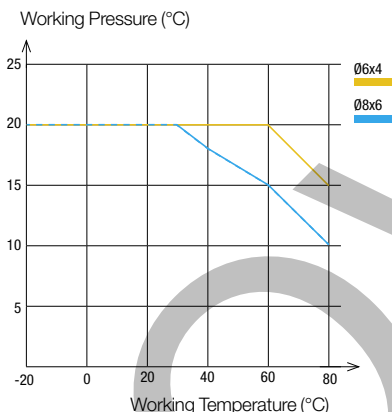
Advantages

- Self-retractable due to the lasting memory of shape
- Protective spring to maintain tube integrity
- 2 colours for circuit identification

Regulations

Industrial: • PED • REACH • RoHS

Performance of Parker Legris PA Recoil Tubing



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

Tube O.D.	Passage	Tube O.D. Tolerance
6 mm	4 mm	+0.05/-0.10
8 mm	6 mm	+0.05/-0.10

Rectulastic PA Recoil Hose

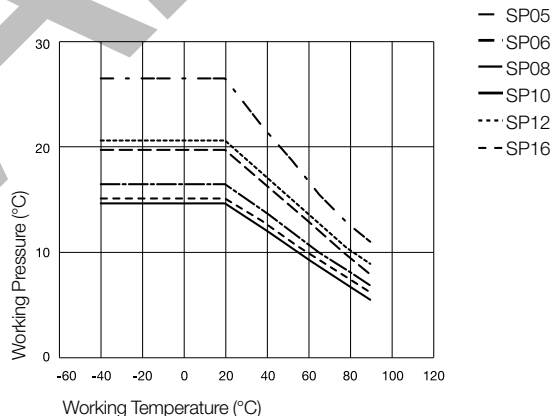
Technical Characteristics

- **Material:** Polyamide 12
- **Compatible fluids:** Compressed air, Lubrication, grease/oil, Gasoline, Hydraulic, Vacuum, Chemicals (on request)
- **Working Pressure:** 15 bar
- **Working Temperature:** -40°C up to +90°C
- **Working Temperature for Tubing assembled:** -20°C to +70°C

Advantages

- Lightweight
- Wide temperature range
- Long service time
- Highly elasticity

Performance of Rectulastic Tubing



1470P Polyamide (PA) Recoil Tubing 2 m, Male BSPT Fitting

ØD ext.	ØD int.	C			Total Closed Length	O.D. of Coil	Kg
6	4	R1/4	1470P06 04 13	1470P06 07 13	320	60	0.143
8	6	R1/4	1470P08 04 13	1470P08 07 13	360	70	0.174

Length of long straight section: 300 mm
 Length of short straight section: 100 mm



1471P Polyamide (PA) Recoil Tubing 4 m, Male BSPT Fitting

ØD ext.	ØD int.	C			Total Closed Length	O.D. of Coil	Kg
6	4	R1/4	1471P06 04 13	1471P06 07 13	440	60	0.199
8	6	R1/4	1471P08 04 13	1471P08 07 13	520	70	0.249

Length of long straight section: 300 mm
 Length of short straight section: 100 mm


PA Recoil Tubing

1472P Polyamide (PA) Recoil Tubing 6 m, Male BSPT Fitting


ØD ext.	ØD int.	C			Total Closed Length	O.D. of Coil	Kg
6	4	R1/4	1472P06 04 13	1472P06 07 13	560	60	0.260
8	6	R1/4	1472P08 04 13	1472P08 07 13	680	70	0.329

Length of long straight section: 300 mm
Length of short straight section: 100 mm

SP../025 RECTULASTIC - Polyamide (PA) Coiled Hoses without Fittings 2.5 m

ØD ext.	ØD int.		O.D. of Coil
4.7	3.1	SP05/025	38
6.3	4.8	SP06/025	75
7.9	6.3	SP08/025	75
9.5	7.9	SP10/025	115
11.8	9.5	SP12/025	140


SP../050 RECTULASTIC - Polyamide (PA) Coiled Hoses without Fittings 5 m

ØD ext.	ØD int.		O.D. of Coil
4.7	3.1	SP05/050	38
6.3	4.8	SP06/050	75
7.9	6.3	SP08/050	75
9.5	7.9	SP10/050	115
11.8	9.5	SP12/050	140
15.8	12.7	SP16/050	220


SP../075 RECTULASTIC - Polyamide (PA) Coiled Hoses without Fittings 7.5 m

ØD ext.	ØD int.		O.D. of Coil
4.7	3.1	SP05/075	38
6.3	4.8	SP06/075	75
7.9	6.3	SP08/075	75
9.5	7.9	SP10/075	115
11.8	9.5	SP12/075	140
15.8	12.7	SP16/075	220


SP../100 RECTULASTIC - Polyamide (PA) Coiled Hoses without Fittings 10 m

ØD ext.	ØD int.		O.D. of Coil
4.7	3.1	SP05/100	38
6.3	4.8	SP06/100	75
7.9	6.3	SP08/100	75
9.5	7.9	SP10/100	115
11.8	9.5	SP12/100	140
15.8	12.7	SP16/100	220


SP../150 RECTULASTIC - Polyamide (PA) Coiled Hoses without Fittings 15 m

ØD ext.	ØD int.		O.D. of Coil
6.3	4.8	SP06/150	75
7.9	6.3	SP08/150	75
9.5	7.9	SP10/150	115
11.8	9.5	SP12/150	140
15.8	12.7	SP16/150	220

SP../225 RECTULASTIC - Polyamide (PA) Coiled Hoses without Fittings 22.5 m


ØD ext.	ØD int.		O.D. of Coil
6.3	4.8	SP06/225	75
7.9	6.3	SP08/225	75
9.5	7.9	SP10/225	115
11.8	9.5	SP12/225	140
15.8	12.7	SP16/225	220

SP../025/DV RECTULASTIC - Completely assembled with Swivel Fittings 2.5 m

ØD ext.	ØD int.	C		O.D. of Coil
4.7	3.1	R1/8	SP05/025/DV	38
7.9	6.3	R1/4	SP08/025/DV	75
9.5	7.9	R1/4	SP10/025/DV	115
11.8	9.5	R3/8	SP12/025/DV	140

Polyamide hose with swivel fittings and spring guards (Type DV)

SP../050/DV RECTULASTIC - Completely assembled with Swivel Fittings 5 m

ØD ext.	ØD int.	C		O.D. of Coil
4.7	3.1	R1/8	SP05/050/DV	38
7.9	6.3	R1/4	SP08/050/DV	75
9.5	7.9	R1/4	SP10/050/DV	115
11.8	9.5	R3/8	SP12/050/DV	140
15.8	12.7	R1/2	SP16/050/DV	220

Polyamide hose with swivel fittings and spring guards (Type DV)

SP../075/DV RECTULASTIC - Completely assembled with Swivel Fittings 7.5 m

ØD ext.	ØD int.	C		O.D. of Coil
4.7	3.1	R1/8	SP05/075/DV	38
7.9	6.3	R1/4	SP08/075/DV	75
9.5	7.9	R1/4	SP10/075/DV	115
11.8	9.5	R3/8	SP12/075/DV	140
15.8	12.7	R1/2	SP16/075/DV	220


Polyamide hose with swivel fittings and spring guards (Type DV)

SP../100/DV RECTULASTIC - Completely assembled with Swivel Fittings 10 m

ØD ext.	ØD int.	C		O.D. of Coil
4.7	3.1	R1/8	SP05/100/DV	38
7.9	6.3	R1/4	SP08/100/DV	75
9.5	7.9	R1/4	SP10/100/DV	115
11.8	9.5	R3/8	SP12/100/DV	140
15.8	12.7	R1/2	SP16/100/DV	220


Polyamide hose with swivel fittings and spring guards (Type DV)

SP../150/DV RECTULASTIC - Completely assembled with Swivel Fittings 15 m

ØD ext.	ØD int.	C		O.D. of Coil
7.9	6.3	R1/4	SP08/150/DV	75
9.5	7.9	R1/4	SP10/150/DV	115
11.8	9.5	R3/8	SP12/150/DV	140
15.8	12.7	R1/2	SP16/150/DV	220


Polyamide hose with swivel fittings and spring guards (Type DV)

SP../225/DV RECTULASTIC - Completely assembled with Swivel Fittings 22.5 m

ØD ext.	ØD int.	C		O.D. of Coil
7.9	6.3	R1/4	SP08/225/DV	75
9.5	7.9	R1/4	SP10/225/DV	115
11.8	9.5	R3/8	SP12/225/DV	140
15.8	12.7	R1/2	SP16/225/DV	220


Polyamide hose with swivel fittings and spring guards (Type DV)

SP../025/K+S RECTULASTIC - Completely assembled with Coupling and Plug 2.5 m

ØD ext.	ØD int.		O.D. of Coil
7.9	6.3	SP08/025/K+S	75
9.5	7.9	SP10/025/K+S	115
11.8	9.5	SP12/025/K+S	140


Polyamide hose with 26 series coupling and plug with spring guards

SP../050/K+S RECTULASTIC - Completely assembled with Coupling and Plug 5 m

ØD ext.	ØD int.		O.D. of Coil
7.9	6.3	SP08/050/K+S	75
9.5	7.9	SP10/050/K+S	115
11.8	9.5	SP12/050/K+S	140

Polyamide hose with 26 series coupling and plug with spring guards

SP../075/K+S RECTULASTIC - Completely assembled with Coupling and Plug 7.5 m

ØD ext.	ØD int.		O.D. of Coil
7.9	6.3	SP08/075/K+S	75
9.5	7.9	SP10/075/K+S	115
11.8	9.5	SP12/075/K+S	140


Polyamide hose with 26 series coupling and plug with spring guards

SP../100/K+S RECTULASTIC - Completely assembled with Coupling and Plug 10 m

ØD ext.	ØD int.		O.D. of Coil
7.9	6.3	SP08/100/K+S	75
9.5	7.9	SP10/100/K+S	115
11.8	9.5	SP12/100/K+S	140


Polyamide hose with 26 series coupling and plug with spring guards

SP../150/K+S RECTULASTIC - Completely assembled with Coupling and Plug 15 m

ØD ext.	ØD int.		O.D. of Coil
7.9	6.3	SP08/150/K+S	75
9.5	7.9	SP10/150/K+S	115
11.8	9.5	SP12/150/K+S	140

Polyamide hose with 26 series coupling and plug with spring guards

SP../225/K+S RECTULASTIC - Completely assembled with Coupling and Plug 22.5 m

ØD ext.	ØD int.		O.D. of Coil
7.9	6.3	SP08/225/K+S	75
9.5	7.9	SP10/225/K+S	115
11.8	9.5	SP12/225/K+S	140

Polyamide hose with 26 series coupling and plug with spring guards

PU Recoil Tubing



The PU recoil tubing offers an alternative to reels thanks to the remanence of the coil shape given to the PU tube. Its flexibility allows easy handling.

Legris Ø metric: 4 to 12 mm
Rectuflex Ø metric: 8 to 15 mm

Legris PU Recoil Tubing

Technical Characteristics

- **Compatible Fluids:** Compressed air
- **Working Pressure:** 0 to 10 bar
- **Working Temperature:** -20°C to +70°C (tubing assembled)
- **Component Materials:** PU ester: 52 Shore D
PU ether: 46 Shore D

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

Advantages

- 2 grades of materials: PU ester and PU ether
- With or without assembled fitting
- Self-retractable due to the shape memory of the coils
- Protective spring to maintain tube integrity
- 3 colors for circuit identification

Regulations

Industrial:

- **RoHS**
- **REACH**
- **PED**

Rectus PU Recoil Tubing: Rectuflex

Technical Characteristics

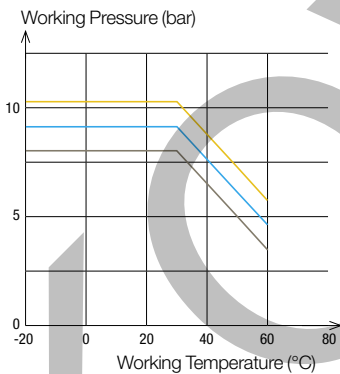
- **Compatible fluids:** Compressed air, Lubrification grease/oil, Gasoline, Hydraulics, Vacuum, Chemicals (on request), Food and Beverage (on request)
- **Working Pressure:** 10 bar
- **Working Temperature:** -40°C up to +75°C
-20°C up to +70°C (tubing assembled)
- **Component materials:** Nycoil Polyurethane

Advantages

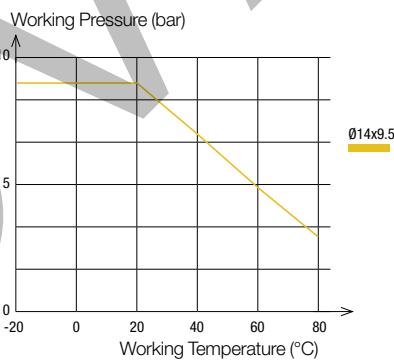
- Lightweight and extremely durable hose
- Low pressure drop
- High abrasion resistance
- Very small bending radius and tight coil diameter
- Superior elasticity and coil memory

Performance of Legris PU Recoil Tubing

PU Ester Recoil Tubing



PU Ether Recoil Tubing



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




Tube O.D.	Tube I.D.	Tube O.D. Tolerance
8 mm	2.5 to 5.5 mm	+0.10/-0.10
10 to 12 mm	7 to 8 mm	+0.15/-0.15

1470U Polyurethane (PU) Ester Recoil Tubing 2 m, Male BSPT Fitting

ØD ext.	ØD int.	C				Total Closed Length	O.D. of Coil	Kg
4	2.5	R1/8	1470U04 03 10	1470U04 04 10	1470U04 05 10	595	24	0.060
6	4	R1/4	1470U06 03 13	1470U06 04 13	1470U06 05 13	630	32	0.060
8	5	R1/4	1470U08 03 13	1470U08 04 13	1470U08 05 13	780	45	0.120
10	7	R1/4	1470U10 03 13	1470U10 04 13	1470U10 05 13	780	65	0.160
12	8	R3/8	1470U12 03 17	1470U12 04 17	1470U12 05 17	780	75	0.190




Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ≥ 8 mm: 500 mm
 Length of short straight section, for all O.D.: 100 mm

1471U Polyurethane (PU) Ester Recoil Tubing 4 m, Male BSPT Fitting

ØD ext.	ØD int.	C				Total Closed Length	O.D. of Coil	Kg
4	2.5	R1/8	1471U04 03 10	1471U04 04 10	1471U04 05 10	785	24	0.100
6	4	R1/4	1471U06 03 13	1471U06 04 13	1471U06 05 13	850	32	0.160
8	5	R1/4	1471U08 03 13	1471U08 04 13	1471U08 05 13	1000	45	0.200
10	7	R1/4	1471U10 03 13	1471U10 04 13	1471U10 05 13	1000	65	0.230
12	8	R3/8	1471U12 03 17	1471U12 04 17	1471U12 05 17	1140	75	0.260


Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ≥ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1472U Polyurethane (PU) Ester Recoil Tubing 6 m, Male BSPT Fitting

ØD ext.	ØD int.	C				Total Closed Length	O.D. of Coil	Kg
8	5	R1/4	1472U08 03 13	1472U08 04 13	1472U08 05 13	1230	45	0.280
10	7	R1/4	1472U10 03 13	1472U10 04 13	1472U10 05 13	1140	65	0.295
12	8	R3/8	1472U12 03 17	1472U12 04 17	1472U12 05 17	1190	75	0.310


Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ≥ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1460U Polyurethane (PU) Ester Recoil Tubing 2 m

ØD ext.	ØD int.		Total Closed Length	O.D. of Coil	Kg
8	5	1460U08 04	720	45	0.135
10	7	1460U10 04	720	65	0.227
12	8	1460U12 04	720	75	0.282


Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ≥ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1461U Polyurethane (PU) Ester Recoil Tubing 4 m

ØD ext.	ØD int.		Total Closed Length	O.D. of Coil	Kg
8	5	1461U08 04	940	45	0.231
10	7	1461U10 04	940	65	0.411
12	8	1461U12 04	940	75	0.486

Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ≥ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1462U Polyurethane (PU) Ester Recoil Tubing 6 m


ØD ext.	ØD int.		Total Closed Length	O.D. of Coil	Kg
8	5	1462U08 04	1260	45	0.337
10	7	1462U10 04	1260	65	0.513
12	8	1462U12 04	1260	75	0.684

Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ≥ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1445U..R Recoil Polyurethane (PU) Ether Tubing 3 m, Male BSPP Fitting


ØD ext.	ØD int.	C		Total Closed Length	O.D. of Coil	Kg
14	9.5	G3/8	1445U14R04 17	759	110	0.460

PU../030 RECTUFLEX - Polyurethane(PU) assembled with straight extensions 3 m, Male BSPP Fitting

ØD ext.	ØD int.		O.D. of Coil
8	5	PU08/030/DV	40
9.5	6.3	PU10/030/DV	60
12	8	PU12/030/DV	80
15	9.5	PU15/030/DV	110

Completely assembled with straight extensions 508 mm and 127mm

PU../060 RECTUFLEX - Polyurethane (PU) assembled with straight extensions 6 m, Male BSPP Fitting

ØD ext.	ØD int.	C		O.D. of Coil
8	5	G1/4	PU08/060/DV	40
9.5	6.3	G1/4	PU10/060/DV	60
12	8	G3/8	PU12/060/DV	80
15	9.5	G3/8	PU15/060/DV	110

Completely assembled with straight extensions 508 mm and 127mm

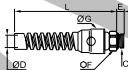
PU../075 RECTUFLEX - Polyurethane (PU) assembled with straight extensions 7.5 m, Male BSPP Fitting

ØD ext.	ØD int.	C		O.D. of Coil
8	5	G1/4	PU08/075/DV	40
9.5	6.3	G1/4	PU10/075/DV	60
12	8	G3/8	PU12/075/DV	80
15	9.5	G3/8	PU15/075/DV	110

Completely assembled with straight extensions 508 mm and 127mm

0694 Push-In Fitting with Protection Spring, Male BSPP Thread

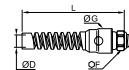
Nickel-plated Brass, NBR




ØD	C		E	F	G	L	Kg
8	G1/4	0694 08 13	6.5	16	24	104.5	0.067
10	G1/4	0694 10 13	6.5	18	24	106.5	0.062
12	G3/8	0694 12 17	7.5	20	29.5	126	0.080

0695 Push-In Fitting with Protection Spring, Male BSPT Thread

Nickel-plated Brass, NBR



ØD	C		F	G	L	Kg
8	R1/4	0695 08 13	14	24	104.5	0.055
10	R1/4	0695 10 13	18	24	106.5	0.063
12	R3/8	0695 12 17	20	29.5	126	0.090

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

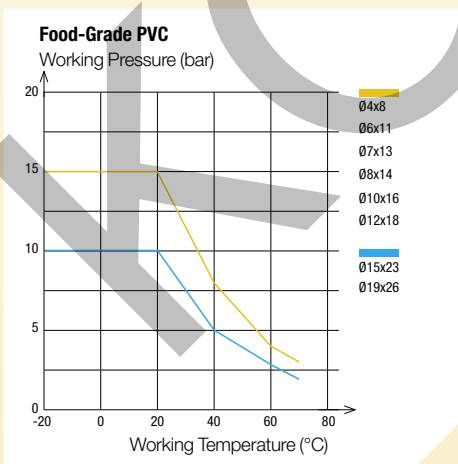
Food Grade PVC:

- 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

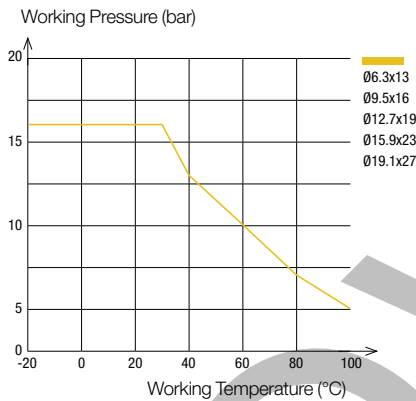
- Designed for compressed air and cooling systems, with maximum flow rate
- 4 colours for circuit identification
- Chemical resistance: UV and ozone
- Mechanical resistance: to repetitive flexing, flames and sparks, abrasion and crushing

*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	+0.6/-0.6
20	3/4"	19.1 mm	+0.6/-0.6

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.	ØD int. (mm)	1040H56 01	1040H56 02	1040H56 03	1040H56 04	Kg
6	13	6.3	60	1040H56 01	1040H56 02	1040H56 03	1040H56 04	7.000
8	16	9.5	70	1040H60 01	1040H60 02	1040H60 03	1040H60 04	8.500
12	19	12.7	120	1040H62 01	1040H62 02	1040H62 03	1040H62 04	10.000
16	23	15.9	140	1040H66 01	1040H66 02	1040H66 03	1040H66 04	12.000
20	27	19.1	170	1040H69 01	1040H69 02	1040H69 03	1040H69 04	17.500

Also available in 20 m length upon request

1080H Braided Self-Fastening NBR Hose

Drum 80 m






DN	ØD ext.	ØD int.	ØD int. (mm)	1080H66 01	1080H66 02	1080H66 03	1080H66 04	Kg
16	23	15.9	140	1080H66 01	1080H66 02	1080H66 03	1080H66 04	26.160
20	27	19.1	170	1080H69 01	1080H69 02	1080H69 03	1080H69 04	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:

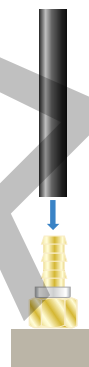
0650 00 00 05

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

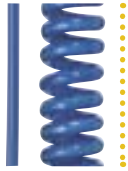
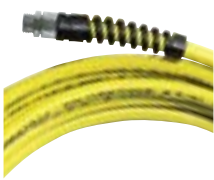
Press-Fitting the Tube

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

Braided PU Hose



Reinforced by a braid that provides durability and torsion resistance, the braided PVC hose also retains the attributes of a recoil PU tubing.

Legris Ø inch: 1/4" to 5/16"
Superbraid Ø metric: 9.5 to 12 mm

Legris Braided PU Recoil Hose

Technical Characteristics

- **Compatible Fluids:** Compressed air
Other fluids: please consult us
- **Working Pressure:** 0 to 15 bar
- **Working Temperature:** -40°C to +75°C
- **Component Materials:** Polyurethane (85 shore A)

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

Advantages

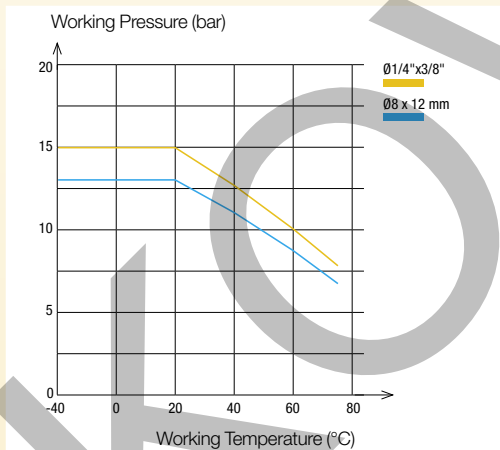
- 3 lengths available: 3 m, 6 m and 7.5 m
- Mechanical resistance: abrasion, torsion and crushing
- Remanence of the coils combined with the flexibility of the tube

Regulations

Industrial:

- PED
- REACH
- RoHS

Tubing Performance of Braided PU Recoil Hose



To calculate burst pressure, the values in this graph should be multiplied by 4.

Hose O.D.	Hose I.D.	Hose I.D. Tolerance
3/8" 12 mm	1/4" 8 mm	+/- 0.005"

Connected to Parker Legris push-in fittings, the calibration of PU tubing ensures perfect sealing.

Rectus Ultra Lite Superbraid

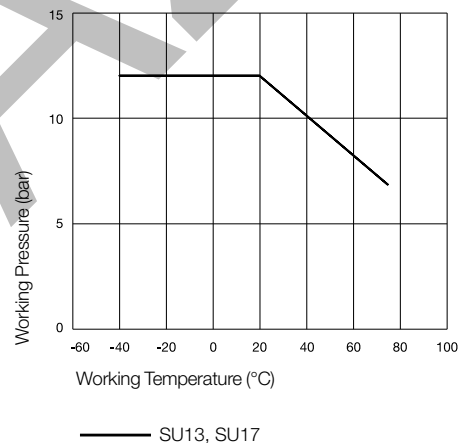
Technical Characteristics

- **Working Pressure:** 0 to 12 bar
- **Working Temperature:** -40°C to +75°C
- **Component Materials:** Polyurethane



Advantages

- Highly kinking resistant, virtually undamaged by twisting or crushing
- Extremely flexible
- Lighter than Superbraid Hose
- 6 to 10 times better than rubber or polyamide

Tubing Performance of Ultra Lite Superbraid





PG../30 SUPERBRAID - Polyurethane (PU) Coiled Hoses with fabric lining 3 m, Male BSPP Fitting

ØD ext.	ØD int.	C			Total Closed Length	O.D. of Coil	Kg
3/8	1/4	G1/4	PG10/030/DV			42	
12	8	G3/8	PG12/030/DV	1445U12E04 17	880	55	0.300



fully assembled with 2x nickel-plated, swivel screw connections

PG../60 SUPERBRAID - Polyurethane (PU) Coiled Hoses with fabric lining 6 m, Male BSPP Fitting

ØD ext.	ØD int.	C			Total Closed Length	O.D. of Coil	Kg
3/8	1/4	G1/4	PG10/060/DV	1442U60E04 13	1140	42	0.420
12	8	G3/8	PG12/060/DV	1442U12E04 17	1160	55	0.600

fully assembled with 2x nickel-plated, swivel screw connections

PG../75 SUPERBRAID - Polyurethane (PU) Coiled Hoses with fabric lining 7.5 m, Male BSPP Fitting

ØD ext.	ØD int.	C			Total Closed Length	O.D. of Coil	Kg
3/8	1/4	G1/4	PG10/075/DV	1447U60E04 13	1275	42	0.525
12	8	G3/8	PG12/075/DV	1447U12E04 17	1300	55	0.750

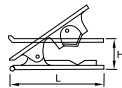
fully assembled with 2x nickel-plated, swivel screw connections

SU../25 ULTRA-LITE SUPERBRAID - Polyurethane (PU) Straight Hose 25 m

ØD ext.	ØD int.	
13	9.5	SU13/025/05
17.4	12.7	SU17/025/05

3000 71 00 Tube Cutter

Technical polymer



H L Kg

3000 71 00	H	L	Kg
	25	79	0.029

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	Kg
	0.280

Replacement blades: part number 3000 71 11 05

6000 71 00 Stripping Tool for Anti-Spark Tubing

Polymère technique, acier inox

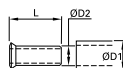


Kg

6000 71 00	Kg
	0.098

1827 Stainless Steel Tube Support for Fluoropolymer Tubing

Stainless steel 316L



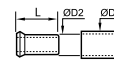
ØD1 ØD2  L Kg


ØD1	ØD2	L	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

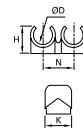



ØD1	ØD2		L	Kg
4	2	0127 04 00	11	0.001
4	2.7	0127 04 27	11	0.001
5	3	0127 05 03	11	0.001
5	3.3	0127 05 00	11.5	0.001
6	4	0127 06 00	11.5	0.001
8	5.5	0127 08 55	14	0.001
8	6	0127 08 00	14	0.001
10	7	0127 10 07	18	0.001
10	7.5	0127 10 75	18	0.001
10	8	0127 10 00	18	0.002
12	8	0127 12 08	26	0.002
12	9	0127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

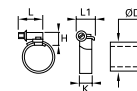



ØD		H	K	N	K	Kg
4	CLIP 04 00	9	13.5	10.5	13.5	0.007
6	CLIP 06 00	10.5	13	10.5	13	0.008
8	CLIP 08 00	12.5	10.5	12	10.5	0.007
10	CLIP 10 00	14	12	15	12	0.005
12	CLIP 12 00	16.5	14	16.5	14	0.009
14	CLIP 14 00	18	16	20.5	16	0.009

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

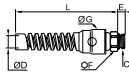
Treated steel




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

0694 Push-In Fitting with Protection Spring, Male BSPP Thread

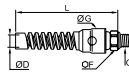
Nickel-plated Brass, NBR




ØD	C		E	F	G	L	Kg
8	G1/4	0694 08 13	6.5	16	24	104.5	0.067
10	G1/4	0694 10 13	6.5	18	24	106.5	0.062
12	G3/8	0694 12 17	7.5	20	29.5	126	0.080

0695 Push-In Fitting with Protection Spring, Male BSPT Thread

Nickel-plated Brass, NBR



ØD	C		F	G	L	Kg
8	R1/4	0695 08 13	14	24	104.5	0.055
10	R1/4	0695 10 13	18	24	106.5	0.063
12	R3/8	0695 12 17	20	29.5	126	0.090

KB ,O'-Clips



	Spread mm	Height
KB0709	7 - 9	7
KB0911	9 - 11	7
KB1113	11 - 13	7
KB1315	13 - 15	7.5
KB1518	15 - 18	8
KB1720	17 - 20	8.5
KB2023	20 - 23	9