

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).

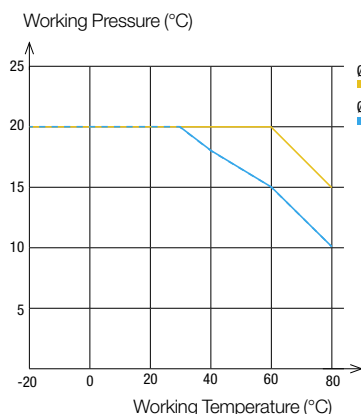
Advantages

- 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

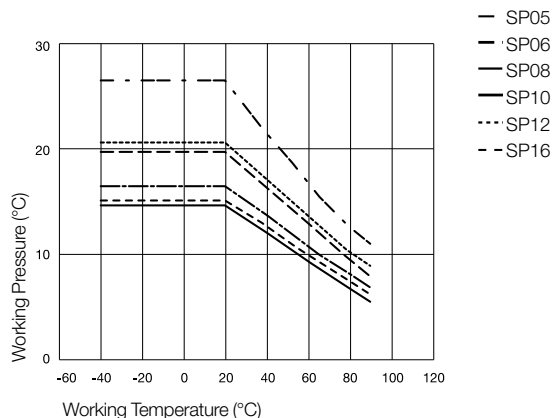
Technical Characteristics

- **Material:** Polyamide 12
- **Compatible fluids:** Compressed air, Lubrification, 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	520	60	0.143
8	6	R1/4	1470P08 04 13	1470P08 07 13	560	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	640	60	0.199
8	6	R1/4	1471P08 04 13	1471P08 07 13	720	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	760	60	0.260
8	6	R1/4	1472P08 04 13	1472P08 07 13	880	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

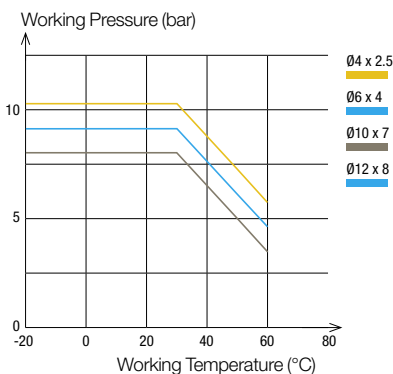
- **Compatible fluids:** Compressed air, Lubrification grease/oil, Gasoline, Hydraulics, Vacuum, Chemicals (on request), Food and Beverage (on request)
- **Working Pressure:** 10 bar
- **Working Temperature:** -40°C up to +75°C
-20°C up to +70°C (tubing assembled)
- **Component materials:** Nycoil Polyurethane

Advantages

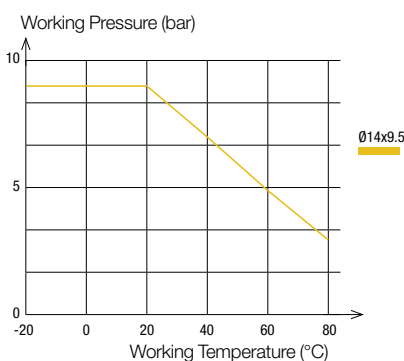
- Lightweight and extremely durable hose
- Low pressure drop
- High abrasion resistance
- Very small bending radius and tight coil diameter
- Superior elasticity and coil memory

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

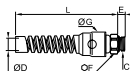
PU../075 RECTUFLEX - Polyurethane (PU) assembled with straight extensions 7.5 m, Male BSPP Fitting


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

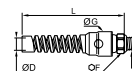
Nickel-plated Brass, NBR




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