

MODY Spiral Hoses made of Polyurethane

both Sides with Straight Ends

- High abrasion, pressure and wear resistance
- Extreme and constant recoil of the spiral, small coil diameter
- Elasticity, flexibility and bend stability
- Softener and metal free
- Absolutely silicon-free; recyclable, gas, oil and antifreeze resistant
- Exactly adapted assortment of reusable connections
- Space-saving despite of enormous reach
- Clean, safe and easy to store in individual packing
- **Application: On air tools, assembly lines**
- **In pneumatics, automation, measuring and control technique, car industry, instrument making, mechanical engineering, garages, and more.**
- Also suitable for other fluids (on request)



MODY Spiral Hoses with Swivelling Screwings
on both sides assembled

Hose		Hose Length		Outer Spiral Ø		Type No. blue	Type No. yellow	Type No. red	Weight	Thread
i.D./o.D.	Max. Working L.		Block Length							
4/6	3000	4500	370	33	PUB 463 DVK	PUG 463 DVK	PUR 463 DVK		310	R 1/4 m
4/6	6000	7500	480	33	PUB 466 DVK	PUG 466 DVK	PUR 466 DVK		350	R 1/4 m
5/8	3000	4500	320	36	PUB 583 DVK	PUG 583 DVK	PUR 583 DVK		380	R 1/4 m
5/8	6000	7500	610	36	PUB 586 DVK	PUG 586 DVK	PUR 586 DVK		500	R 1/4 m
6.5/10	3000	4500	320	52	PUB 65103 DVK	PUG 65103 DVK	PUR 65103 DVK		500	R 1/4 m
6.5/10	6000	7500	550	52	PUB 65106 DVK	PUG 65106 DVK	PUR 65106 DVK		690	R 1/4 m
6.5/10	8000	10000	660	52	PUB 65108 DVK	PUG 65108 DVK	PUR 65108 DVK		800	R 1/4 m
8/12	3000	4500	270	65	PUB 8123 DVK	PUG 8123 DVK	PUR 8123 DVK		650	R 3/8 m
8/12	6000	7500	550	65	PUB 8126 DVK	PUG 8126 DVK	PUR 8126 DVK		1030	R 3/8 m
8/12	8000	10000	620	65	PUB 8128 DVK	PUG 8128 DVK	PUR 8128 DVK		1150	R 3/8 m
9/13	3000	4500	280	68	PUB 9133 DVK	PUG 9133 DVK	PUR 9133 DVK		670	R 3/8 m
9/13	6000	7500	500	68	PUB 9136 DVK	PUG 9136 DVK	PUR 9136 DVK		1080	R 3/8 m
9/13	8000	10000	700	68	PUB 9138 DVK	PUG 9138 DVK	PUR 9138 DVK		1260	R 3/8 m
11/16	3000	4500	270	90	PUB 11163 DVS	PUG 11163 DVS	PUR 11163 DVS		1150	R 1/2 m
11/16	6000	7500	540	90	PUB 11166 DVS	PUG 11166 DVS	PUR 11166 DVS		1840	R 1/2 m
11/16	8000	10000	600	90	PUB 11168 DVS	PUG 11168 DVS	PUR 11168 DVS		2053	R 1/2 m
13/19	3000	4500	300	125	PUB 13193 SVS	PUG 13193 SVS			1230	R 3/4 m
13/19	6000	7500	480	125	PUB 13196 SVS	PUG 13196 SVS			1940	R 3/4 m
13/19	8000	10000	550	125	PUB 13198 SVS	PUG 13198 SVS			2410	R 3/4 m

Hose i.D./o.D. 4/6; 5/8; 6.5/10 with new material quality for more flexibility at best pressure and temperature characteristics!

- NW/AD 4/6 with mini quick connect coupling and plug DN 5 mini
- NW/AD 11/16 with spring of nickel-plated steel
- NW/AD 13/19 with rigid fitting and spring of nickel-plated steel



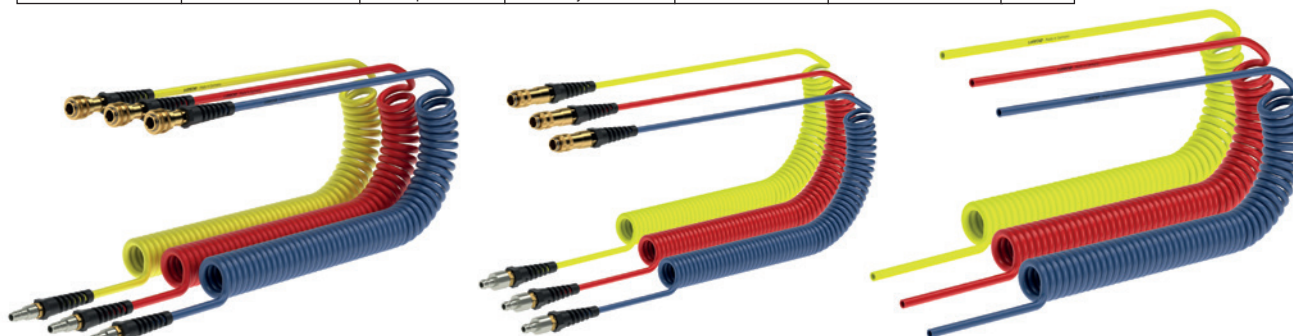
Polyurethane Hoses, non spiralled (minimum quantity 10m/type)

Hose i.D./o.D.	Weight g/m	Type No. blue	Type No. yellow	Type No. red
4/6	20	PUB 46-R	PUG 46-R	PUR 46-R
5/8	40	PUB 58-R	PUG 58-R	PUR 58-R
6.5/10	55	PUB 6510-R	PUG 6510-R	PUR 6510-R
8/12	80	PUB 812-R	PUG 812-R	PUR 812-R
9/13	90	PUB 913-R	PUG 913-R	PUR 913-R
11/16	130	PUB 1116-R	PUG 1116-R	PUR 1116-R
13/19	175	PUB 1319-R	PUG 1319-R	

Materials

- Hose: Polyurethane (Polyester Polyurethane)
- Spring: Polyamide/Steel
- Screwing: Brass MS 58 plain, thread coated/ Steel nickel-plated
- Quick Connect Coupling: Brass MS 58 plain
- Plug: Steel hardened and nickel-plated

Max. Work. Pressure	Temperature	Media	Colours	Short End	Long End	
PN 10 bar	-20°C – +85°C	Compr. Air u.a.	blue, yellow, red	100	500	1



MODY Spiral Hoses with Swivelling One-Hand Quick Connect Couplings and Plug DN 7.2 assembled

MODY Spiral Hoses without Fittings

Type No. blue	Type No. yellow	Type No. red	Weight	Type No. blue	Type No. yellow	Type No. red	Weight
●PUB 463 ESM	PUG 463 ESM	PUR 463 ESM	310	PUB 463	PUG 463	PUR 463	230
●PUB 466 ESM	PUG 466 ESM	PUR 466 ESM	340	PUB 466	PUG 466	PUR 466	260
PUB 583 ES	PUG 583 ES	PUR 583 ES	420	PUB 583	PUG 583	PUR 583	280
PUB 586 ES	PUG 586 ES	PUR 586 ES	550	PUB 586	PUG 586	PUR 586	400
PUB 65103 ES	PUG 65103 ES	PUR 65103 ES	545	PUB 65103	PUG 65103	PUR 65103	370
PUB 65106 ES	PUG 65106 ES	PUR 65106 ES	730	PUB 65106	PUG 65106	PUR 65106	560
PUB 65108 ES	PUG 65108 ES	PUR 65108 ES	850	PUB 65108	PUG 65108	PUR 65108	680
PUB 8123 ES	PUG 8123 ES	PUR 8123 ES	690	PUB 8123	PUG 8123	PUR 8123	470
PUB 8126 ES	PUG 8126 ES	PUR 8126 ES	1070	PUB 8126	PUG 8126	PUR 8126	850
PUB 8128 ES	PUG 8128 ES	PUR 8128 ES	1190	PUB 8128	PUG 8128	PUR 8128	980
PUB 9133 ES	PUG 9133 ES	PUR 9133 ES	710	PUB 9133	PUG 9133	PUR 9133	504
PUB 9136 ES	PUG 9136 ES	PUR 9136 ES	1120	PUB 9136	PUG 9136	PUR 9136	914
PUB 9138 ES	PUG 9138 ES	PUR 9138 ES	1300	PUB 9138	PUG 9138	PUR 9138	1090
				PUB 11163	PUG 11163	PUR 11163	760
				PUB 11166	PUG 11166	PUR 11166	1370
				PUB 11168	PUG 11168	PUR 11168	1580
				PUB 13193	PUG 13193		807
				PUB 13196	PUG 13196		1510
				PUB 13198	PUG 13198		1960

- For higher volume demands other colours, hose dimensions, hose lengths and spiral diameters - according to your specifications - are possible
- If our standard range doesn't meet your requirements, you can have your own combination of a hose without fittings completely assembled with fittings. The fittings can be added to the hose resp. can be assembled from 10 pcs./type onward in our works.
For assembling we charge fitting. We can't give any guarantee for hoses with fittings not assembled by ourselves.
- Please also note our system supplementations (complete range of quick connect couplings (☺ page 38), pneumatic fittings (☺ page 118) or air guns (☺ page 112).

Necessary data for special versions

Dimensions/ Characteristics:	Fittings:
AL Working Length	Type No. Short End
L 1 Short End	
L 2 Long End	Type No. Long End
D Spiral Diameter	
i.D./o.D. Size of hose	
Colour	
Inscription	

Compressed Air Blow-off Sets

Both Sides with Straight Ends

- MODY spiral hose with one-hand quick connect plug DN 7.2 on short end (10 cm) and Blow-off Gun (type APN or APK) on long end (50 cm) completely assembled
- Extraordinary elasticity and flexibility of the MODY spiral hose
- Space-Saving despite of enormous reach
- Polyamid bend and scratch protection
- Clean and safe stored in individual packing
- High quality, robust and handy Blow-off Guns
- For cleaning of working places and parts in industry, garages, and more

Materials

- Spiral: Polyurethane (Polyester Polyurethane)
- Spring: Polyamide
- Plug: Brass MS 58 plain
- Blow-Off Gun: Aluminium/ plastic

Max. Work. Pressure	Temperature	Media	Colour	Short End	Long End	
PN 10 bar	-10°C – +85°C	Compr. Air	Blue/ Yellow/ Red	100	500	1

MODY-Blow-off Sets blue with Plug DN 7.2 and Blow-off Gun APNO completely assembled



Hose- i.D./o.D.	Connection	Max. Working Length		Block Length		Weight		Type No.
			Hose Length		Outer Spiral Ø			
5/8	Plug ES DN 7.2	3000	4500	260	36	586		PUB 583 APN
5/8	Plug ES DN 7.2	6000	7500	510	36	710		PUB 586 APN
6.5/10	Plug ES DN 7.2	3000	4500	230	52	702		PUB 65103 APN
6.5/10	Plug ES DN 7.2	6000	7500	490	52	887		PUB 65106 APN

MODY-Blow-off Sets yellow with Plug DN 7.2 and Blow-off Gun APNO completely assembled



Hose- i.D./o.D.	Connection	Max. Working Length		Block Length		Weight		Type No.
			Hose Length		Outer Spiral Ø			
5/8	Plug ES DN 7.2	3000	4500	260	36	586		PUG 583 APN
5/8	Plug ES DN 7.2	6000	7500	510	36	710		PUG 586 APN
6.5/10	Plug ES DN 7.2	3000	4500	230	52	702		PUG 65103 APN
6.5/10	Plug ES DN 7.2	6000	7500	490	52	887		PUG 65106 APN

MODY-Blow-off Sets red with Plug DN 7.2 and Blow-off Gun APKO completely assembled



Hose- i.D./o.D.	Connection	Max. Working Length		Block Length		Weight		Type No.
			Hose Length		Outer Spiral Ø			
5/8	Plug ES DN 7.2	3000	4500	260	36	436		PUR 583 APK
5/8	Plug ES DN 7.2	6000	7500	510	36	560		PUR 586 APK
6.5/10	Plug ES DN 7.2	3000	4500	230	52	552		PUR 65103 APK
6.5/10	Plug ES DN 7.2	6000	7500	490	52	737		PUR 65106 APK

Sets with Blow-off Valves or other Blow-off Guns, Nozzles or Connections on request.

MODYFLEX PUR Spiral Hoses made of Polyurethane

Both Sides with Straight Ends

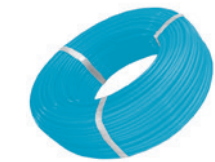
- Robust, extreme durable hose for high working pressure
- Hose of polyurethane, resistant, light and flexible (material extruded of an inner layer, a layer of reinforced braiding and an outer layer, inner and outer layer are made of the same material)
- Extra long straight end for more work flexibility
- For flexibility of compressed air lines on compressed air tools and assembly lines
- Application in pneumatic, automation, measuring and control technology, car industry, instrumentation mechanical engineering, garages, and more

Material

- Spiral: Polyurethane (Polyether Polyurethane, Braid: Dacron Polyester)
- Spring: Polyamide
- Screwings: Brass MS 58 plain, thread coated
- Coupling: Brass MS 58 plain
- Plug: Steel hardened and nickel-plated

Max. Work. Pressure	Temperature	Media	Colours	Short End	Long End	
PN 14 bar*	-40°C – +70°C	Compr. Air a.o.	Blue transparent**	100	1000	1

Hose		Max. Working Length		Block Length		Weight	
i.D./o.D.	Connection	Hose Length		Outer Spiral Ø		Type No.	
8/12	without	4000	5500	350	65	500	PUC 8124
8/12	without	6000	7000	450	65	850	PUC 8126
8/12	2 x R 3/8 m swivelling	4000	5500	350	65	650	PUC 8124 DVK ¹
8/12	2 x R 3/8 m swivelling	6000	7000	450	65	1000	PUC 8126 DVK ¹
8/12	2 x ES DN 7.2 swivelling	4000	5500	350	65	750	PUC 8124 ES ²
8/12	2 x ES DN 7.2 swivelling	6000	7000	450	65	1100	PUC 8126 ES ²



1 swivelling thread connections on both sides

2 with swivelling one-hand quick connect coupling and swivelling plug DN 7.2

*at 20°C

**braid is blue

MODYFLEX PUR Polyurethane Hose, non-spiralled (minimum quantity 10 m/ type)

Hose i.D./o.D.	Weight g/m	Type No.
8/12	76	PUC 812

System supplementations

One-hand quick connect couplings (☎ page 38)

Pneumatic screwings (☎ page 118)

Blow-off guns and valves (☎ page 112)

A : S : S Antistatic Spiral Hoses made of Polyurethane

Both Sides with Straight Ends

- All advantages of the MODY spiral hose
- Suitable for explosion proof areas according to guideline 94/9/EG (ATEX)
- Avoids static loadings, surface resistance $\leq 10^6 \Omega$
- Outside calibrated, suitable for push-in fittings
- Microbes-, hydrolysis- and UV-resistant
- Can be used for vacuum applications
- To be used for the production of electronic parts, in surface treatment industry, in mining and tunneling, for transport or assortment of parts

Materials

- Hose: Polyurethane (Polyether Polyurethane)
- Spring: Polyamide
- Screwing: Brass MS 58 plain, thread coated

Max. Work. Pressure	Temperature	Media	Colours	Short End	Long End	
PN 12 bar	-20°C – +85°C	Compr. Air, Water, etc.	Black	100	500	1



Hose i.D./o.D.	Max. Working Length		Block Length		Weight		Type No.
	Connection	Hose Length	Outer Spiral	Outer Spiral	Outer Spiral	Outer Spiral	
6/8	without	3000	4500	320	36	260	PUAS 683
6/8	without	6000	7500	610	36	380	PUAS 686
6/8	2xR 1/4 m rigid	3000	4500	320	36	380	PUAS 683 SVK
6/8	2xR 1/4 m rigid	6000	7500	610	36	500	PUAS 686 SVK
7.5/10	without	3000	4500	320	52	330	PUAS 75103
7.5/10	without	6000	7500	550	52	520	PUAS 75106
7.5/10	2xR 1/4 m rigid	3000	4500	320	52	470	PUAS 75103 SVK
7.5/10	2xR 1/4 m rigid	6000	7500	550	52	660	PUAS 75106 SVK
9/12	without	3000	4500	270	65	430	PUAS 9123
9/12	without	6000	7500	550	65	810	PUAS 9126
9/12	2xR 3/8 m rigid	3000	4500	270	65	580	PUAS 9123 SVK
9/12	2xR 3/8 m rigid	6000	7500	550	65	960	PUAS 9126 SVK

Other hose dimensions or working lengths on request.

A : S : S Antistatik Polyurethane Hose, non spiralled (minimum quantity 10 m/ type)

Hose i.D./o.D.	Weight g/m	Type No.
6/8	40	PU-AS 68-R
7.5/10	50	PU-AS 7510-R
9/12	70	PU-AS 912-R

System supplement

One-hand quick connect couplings (☺ page 38)

Pneumatic screwings (☺ page 118)

Blow-off guns and valves (☺ page 112)



Flamex-Spark Protecting and Hot Water Spiral Hoses of Polyurethane

Both Sides with Straight Ends

- Spiral hoses of special polyurethane, high quality and extreme robust, resistant against sparks and welding (sparks run down) → offers all advantages of the MODY Spiral Hose
- Fluoride-free, halogen-free, silicon-free, hydrolysis resistant
- Extremely burn resistant, burn classification according to UL 94 =VO
- Outside calibrated, suitable for drag chain, durable
- Application: For compressed air and water supply under extreme conditions in industry (e.g. on welding robots, plastic injection machines) in garages near welding places, railways, public buildings, machine building

Materials

- Hose: Polyurethane (Polyether Polyurethane)
- Spring: Polyamide
- Screwing: Brass MS 58 plain, thread coated

Max. Work. Pressure	Temperature	Media	Colours	Short End	Long End	
PN 12 bar	-20°C – +85°C	Compr. Air, Water, etc.	Black	100	500	1

Hose		Max. Working Length		Block Length		Weight	
i.D./o.D.	Connection	Hose Length		Outer Spiral Ø		Type No.	
6/10	without	3000	4500	320	52	320	PUFS 6103
6/10	without	6000	7500	550	52	500	PUFS 6106
6/10	without	8000	10000	660	52	620	PUFS 6108
6/10	2 x R 1/4 m swiveling	3000	4500	320	52	450	PUFS 6103 DVK
6/10	2 x R 1/4 m swiveling	6000	7500	550	52	630	PUFS 6106 DVK
6/10	2 x R 1/4 m swiveling	8000	10000	660	52	750	PUFS 6108 DVK
8/12	without	3000	4500	275	65	440	PUFS 8123
8/12	without	6000	7500	550	65	720	PUFS 8126
8/12	without	8000	10000	635	65	950	PUFS 8128
8/12	2 x R 3/8 m swiveling	3000	4500	275	65	520	PUFS 8123 DVK
8/12	2 x R 3/8 m swiveling	6000	7500	550	65	800	PUFS 8126 DVK
8/12	2 x R 3/8 m swiveling	8000	10000	635	65	1130	PUFS 8128 DVK



Flamex Polyurethane Hose, non spiralled (minimum quantity 10 m/ type)

Hose i.D./o.D.	Weight g/m	Type No.
6/10	70	FSS 610-R
8/12	95	FSS 812-R

System supplement

One-hand quick connect couplings (☺ page 38)

Pneumatic screwings (☺ page 118)

Blow-off guns and valves (☺ page 112)

MODY Duo Spiral Hoses made of Polyurethane

Both Sides with Straight Ends

- All advantages of the MODY spiral hose
- Easy assembling with swivelling fittings on both sides
- **Application: In fluid-control, on measuring devices, automation, for different media or different compressed air lines combined, etc.**

Materials

- Hose: Polyurethane (Polyether Polyurethane)
- Spring: Polyamide
- Screwing: Brass MS 58 plain, thread coated



Max. Work. Pressure	Temperature	Media	Colours	Short End	Long End	
PN 10 bar	-20°C – +85°C	Compr. Air	Blue/Yellow	100	500	1

Hose i.D./o.D.	Connection	Max. Working Length	Hose Length	Block Length	Outer Spiral	Weight	Type No.
6.5/10	without	3000	4500	450	65	750	PUBG 65103
6.5/10	without	6000	7500	770	65	1120	PUBG 65106
6.5/10	4xR 1/4 m swiveling	3000	4500	450	65	1000	PUBG 65103 DVK
6.5/10	4xR 1/4 m swiveling	6000	7500	770	65	1370	PUBG 65106 DVK

MODY Duo Polyurethane Hose, non spiralled (minimum quantity 10 m/ type)

Hose i.D./o.D.	Weight g/m	Type No.
6.5/10	78	PUBG 6510-DUO

System supplement

One-hand quick connect couplings (☺ page 38)

Pneumatic screwings (☺ page 118)

Blow-off guns and valves (☺ page 112)

MODY CleanConnect Spiral Hoses made of Polyurethane

with Straight Sides for the Food Industry and Pharmacy

- High-abrasion, pressure and wear resistance as well as extreme and constant recoil of the spirals
- Perfect elasticity, flexibility, can be driven over, crush-resistant, free of taste and smell
- Resistant to microbes and hydrolysis, oil, gas and chemical resistant, good cold flexibility
- Polyurethane food-safe according to FDA 21 CFR 177.2600 and 178.2010, EU regulation 10/2011 and the newest regulation 2015/174
- Approved according to the EU regulation 1935/2004
- Production process according to GMP EC 2023/2006
- For applications in the pneumatic sector as well as for liquids, gases and abrasive solids
- For applications in the food industry (e.g. food conveying, dry, watery, acidic and fatty foods), pharmaceutical industry (FDA, EU regulation)

Materials

- Hose: Polyurethane (Polyether Polyurethane)
- Coupling, plug: Stainless steel 1.4305

Max. Working Pressure	Temperature	Media	Colours	Short End	Long End	
PN 12 bar	-40°C – +90°C	different	Transparent	100	500	1

Hose		Max. Working L.		Block Length		Weight	
i.D./o.D.	Connection	Hose Length		Outer Spiral		Ø	Type. Nr.
8/12	without	3000	4700	240	75	345	PUL 8123
8/12	without	6000	7600	400	75	555	PUL 8126
8/12	without	8000	9700	540	75	710	PUL 8128
8/12	ESE-coupling + plug	3000	4700	240	75	505	PUL 8123 ESE
8/12	ESE-coupling + plug	6000	7600	400	75	715	PUL 8126 ESE
8/12	ESE-coupling + plug	8000	9700	540	75	870	PUL 8128 ESE

MODY-CleanConnect-Hose of Polyurethane, non-spiraled (minimum quantity 10m/ type)

Hose i.D./o.D.	Weight g/m	Type. Nr.
8/12	80	PUL 812

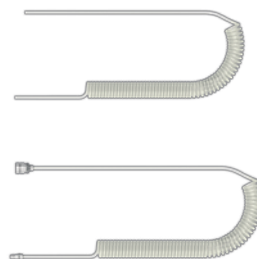
System supplement

Quick connect couplings made of stainless steel (☞ page 284)

Blow-off valve made of stainless steel (☞ page 303)

Food-Safe

**Clean
Connect**
by LUDECKE



Accessories for Mody Spiral Hoses

Hose Pincer and Replacement Blade

Type		Material	Weight	Type No.
Hose Pincer (for o.D. 1-19 mm)	1 (pc.)	steel	242	SZ-PU
Replacement Blade	1 set (2 pc.)	steel	8	MSZ

