

MODY-Spiral Hoses

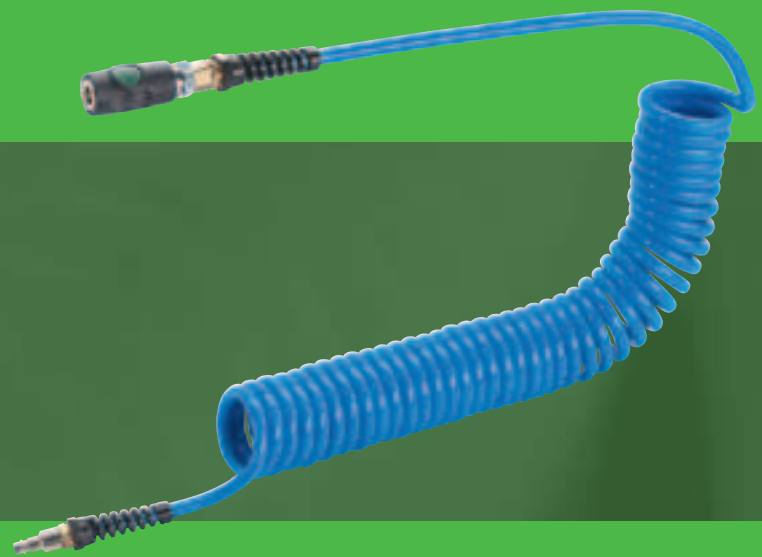


As a result of its excellent material characteristics, polyurethane spiral hoses remove more and more conventional polyamid-spirals for flexible compressed air supply. Also after worst deformation the Mody spiral hose goes back into its original shape, the flow capacity is permanently kept.

High quality, reusable and swivelling fittings with bend-protecting spring are absolutely essential for security and durability.

Hoses lying on the floor are always a risk for stumbling, the spiral hose contributes enormously to safety at work.

It is ideal to install the spiral hose at working places coming from the top.



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Compressed air Blow-off Sets

both sides with straight ends

- MODY-Spiral Hose with Quick Disconnect Plug DN 7,2 on short end (10 cm) and Blow-off Gun on long end (50 cm) complete assembled
- Extraordinary elasticity and flexibility of the polyurethane MODY Spiral Hose
- Space-Saving despite of enormous reach
- Polyamid bend- and scratch protection
- Clean, safe and easy to store in individual packing
- High quality, robust and handy Blow-off Guns
- For cleaning of working places and parts in industry, garages a. s. o.

Max. Working Pressure	Temperature	Medium	Connection	Blow-off Gun	Material Hose	
PN 10 bar	-10°C – +85°C	compressed air	ES-DN 7,2	APNO/APKO	Polyurethane	1

MODY-Blow-off Sets blue with Quick Disconnect Plug DN 7,2 and Blow-off Gun APNO complete assembled

Hose i.D./o.D.	Max. Working Length	Block Length	Outer Spiral∅	Weight/pc. g	Type No.
5/8 mm	3 m	260 mm	36 mm	586	PUB 583 APN
5/8 mm	6 m	510 mm	36 mm	710	PUB 586 APN
6,5/10 mm	3 m	230 mm	52 mm	702	PUB 65103 APN
6,5/10 mm	6 m	490 mm	52 mm	887	PUB 65106 APN



MODY-Blow-off Sets yellow with Quick Disconnect Plug DN 7,2 and Blow-off Gun APNO complete assembled

Hose i.D./o.D.	Max. Working Length	Block Length	Outer Spiral∅	Weight/pc. g	Type No.
5/8 mm	3 m	260 mm	36 mm	586	PUG 583 APN
5/8 mm	6 m	510 mm	36 mm	710	PUG 586 APN
6,5/10 mm	3 m	230 mm	52 mm	702	PUG 65103 APN
6,5/10 mm	6 m	490 mm	52 mm	887	PUG 65106 APN



MODY-Blow-off Sets red with Quick Disconnect Plug DN 7,2 and Blow-off Gun APKO complete assembled

Hose i.D./o.D.	Max. Working Length	Block Length	Outer Spiral∅	Weight/pc. g	Type No.
5/8 mm	3 m	260 mm	36 mm	436	PUR 583 APK
5/8 mm	6 m	510 mm	36 mm	560	PUR 586 APK
6,5/10 mm	3 m	230 mm	52 mm	552	PUR 65103 APK
6,5/10 mm	6 m	490 mm	52 mm	737	PUR 65106 APK



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



MODY-Spiral Hoses of Polyurethane

both sides with straight ends

Max. Working Pressure	Temperature	Medium	Material	Colours	Short End	Long End	
PN 10 bar	-20°C – +85°C	compressed air a.o.	Polyurethane	blue, yellow, red	10 cm	50 cm	1



MODY-Spiral Hoses with swivelling screwings on both sides assembled

Hose i.D./o.D.	Hose Length		Outer Spiral \varnothing		Type No. blue	Type No. yellow	Type No. red	Weight/pc. g	Thread
	Max. Working L.	Block Length							
4/6	3 m	4.5 m	370 mm	33 mm	PUB 463 DVK	PUG 463 DVK	PUR 463 DVK	310	R 1/4" m
4/6	6 m	7.5 m	480 mm	33 mm	PUB 466 DVK	PUG 466 DVK	PUR 466 DVK	350	R 1/4" m
5/8	3 m	4.5 m	320 mm	36 mm	PUB 583 DVK	PUG 583 DVK	PUR 583 DVK	380	R 1/4" m
5/8	6 m	7.5 m	610 mm	36 mm	PUB 586 DVK	PUG 586 DVK	PUR 586 DVK	500	R 1/4" m
6.5/10	3 m	4.5 m	320 mm	52 mm	PUB 65103 DVK	PUG 65103 DVK	PUR 65103 DVK	500	R 1/4" m
6.5/10	6 m	7.5 m	550 mm	52 mm	PUB 65106 DVK	PUG 65106 DVK	PUR 65106 DVK	690	R 1/4" m
6.5/10	8 m	10 m	660 mm	52 mm	PUB 65108 DVK	PUG 65108 DVK	PUR 65108 DVK	800	R 1/4" m
8/12	3 m	4.5 m	270 mm	65 mm	PUB 8123 DVK	PUG 8123 DVK	PUR 8123 DVK	650	R 3/8" m
8/12	6 m	7.5 m	550 mm	65 mm	PUB 8126 DVK	PUG 8126 DVK	PUR 8126 DVK	1030	R 3/8" m
8/12	8 m	10 m	620 mm	65 mm	PUB 8128 DVK	PUG 8128 DVK	PUR 8128 DVK	1150	R 3/8" m
9/13	3 m	4.5 m	280 mm	68 mm	PUB 9133 DVK	PUG 9133 DVK	PUR 9133 DVK	670	R 3/8" m
9/13	6 m	7.5 m	640 mm	68 mm	PUB 9136 DVK	PUG 9136 DVK	PUR 9136 DVK	1080	R 3/8" m
9/13	8 m	10 m	700 mm	68 mm	PUB 9138 DVK	PUG 9138 DVK	PUR 9138 DVK	1260	R 3/8" m
11/16	3 m	4.5 m	270 mm	90 mm	⊕PUB 11163 DVS	PUG 11163 DVS	PUR 11163 DVS	1150	R 1/2" m
11/16	6 m	7.5 m	540 mm	90 mm	⊕PUB 11166 DVS	PUG 11166 DVS	PUR 11166 DVS	1840	R 1/2" m
11/16	8 m	10 m	600 mm	90 mm	⊕PUB 11168 DVS	PUG 11168 DVS	PUR 11168 DVS	2053	R 1/2" m
13/19	3 m	4.5 m	300 mm	125 mm	⊕PUB 13193 SVS	PUG 13193 SVS		1230	R 3/4" m
13/19	6 m	7.5 m	480 mm	125 mm	⊕PUB 13196 SVS	PUG 13196 SVS		1940	R 3/4" m
13/19	8 m	10 m	550 mm	125 mm	⊕PUB 13198 SVS	PUG 13198 SVS		2410	R 3/4" m

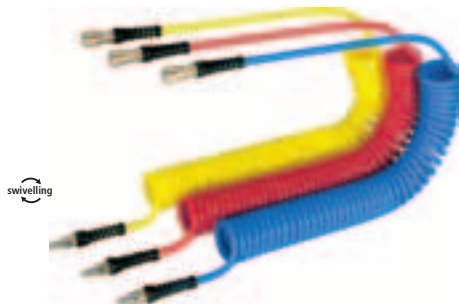
- High abrasion-, pressure- and wear resistance
- Extreme and constant recoil of the spiral, small coil diameter
- Perfect elasticity, flexibility and bend stability
- Softener- and metal free
- Absolutely silicon-free; recycable
- Exactly adapted assortment of reusable connections
- Space-saving despite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

- Polyurethane hoses (not spiralled) (☹ catalogue page 171)

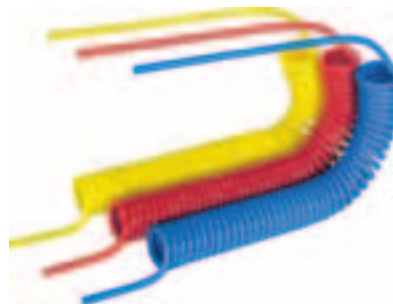


Hose i.D./o.D. 4/6; 5/8; 6.5/10 with new polyurethane composition for more flexibility at best pressure- and temperature characteristics!

New!



MODY-Spiral Hoses with swivelling Quick Disconnect Couplings and Plug DN 7,2 assembled



MODY-Spiral Hoses without fittings

Type No. blue	Type No. yellow	Type No. red	Weight/pc. g	Type No. blue	Type No. yellow	Type No. red	Weight/pc. g
●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
				New! PUB 13193	PUG 13193		807
				New! PUB 13196	PUG 13196		1510
				New! PUB 13198	PUG 13198		1960



- For bigger demand other colours, hose dimensions, hose lengths and spiral diameters - according to your specifications - are possible without problems.
- If our standard program doesn't meet your requirements, you can have your own combination of a hose without fittings completed with fittings according to page 170/171. The fittings can be added to the hose resp. can be assembled from 10 pcs./type onward in our house.
We can't give any guarantee for hoses with fittings not assembled by ourselves.
- Please also note our system supplementations (complete program of Quick Disconnect Couplings © catalogue page 128–157, pneumatic Fittings © catalogue page 172–178 or Air Guns © catalogue page 158–163).

Necessary data for special executions

Dimensions/Characteristics:

AL Working Length
L 1 Short End
L 2 Long End
D Spiral Diameter
i.D./o.D.
Colour
Inscription

Fittings:

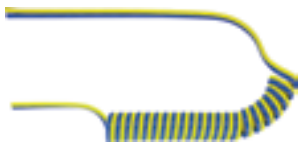
Type No. Short End
Type No. Long End

- NW/AD 4/6 with Quick Disconnect 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

MODY-Duo-Spiral Hoses 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 fluids or different compressed air lines combined...



Max. Working Pressure	Temperature	Medium	Material	Colours	Short End	Long End	
PN 10 bar	-20°C – +85°C	compr. air a.o.	Polyurethane	blue/yellow	10 cm	50 cm	1

Hose i.D./o.D.	Connection	Max. Working Length		Block Length		Weight/pc. g	
		Hose Length		Outer Spiral	∅	Type No.	
6,5/10	without	3 m	4,5 m	450 mm	65 mm	750	PUBG 65103
6,5/10	without	6 m	7,5 m	770 mm	65 mm	1120	PUBG 65106
6,5/10	4xR 1/4" m swivelling	3 m	4,5 m	450 mm	65 mm	1000	PUBG 65103 DVK
6,5/10	4xR 1/4" m swivelling	6 m	7,5 m	770 mm	65 mm	1370	PUBG 65106 DVK

MODY-Duo-Hose (not spiralled), Minimum quantity 10 m

Hose i.D./o.D.	Weight g/m	Type No.
6,5/10	78	PUBG 6510-DUO

A : S : S Antistatic Spiral Hoses 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 vakuum applications, too
- To be used for the production of electronic parts, in surface treatment industry, in mining and tunneling, for parts transport or assortment

Max. Working Pressure	Temperature	Medium	Material	Colours	Short End	Long End	
PN 10 bar	-20°C – +85°C	compr. air a.o.	Polyurethane	black	10 cm	50 cm	1

Hose i.D./o.D.	Connection	Max. Working Length		Block Length		Weight/pc. g	
		Hose Length		outer	∅Spiral	Type No.	
6/8	without	3 m	4.5 m	320 mm	36 mm	260	PUAS 683
6/8	without	6 m	7.5 m	610 mm	36 mm	380	PUAS 686
6/8	2xR 1/4" a rigid	3 m	4.5 m	320 mm	36 mm	380	PUAS 683 SVK
6/8	2xR 1/4" a rigid	6 m	7.5 m	610 mm	36 mm	500	PUAS 686 SVK
7.5/10	without	3 m	4.5 m	320 mm	52 mm	330	PUAS 75103
7.5/10	without	6 m	7.5 m	550 mm	52 mm	520	PUAS 75106
7.5/10	2xR 1/4" a rigid	3 m	4.5 m	320 mm	52 mm	470	PUAS 75103 SVK
7.5/10	2xR 1/4" a rigid	6 m	7.5 m	550 mm	52 mm	660	PUAS 75106 SVK
9/12	without	3 m	4.5 m	270 mm	65 mm	430	PUAS 9123
9/12	without	6 m	7.5 m	550 mm	65 mm	810	PUAS 9126
9/12	2xR 3/8" a rigid	3 m	4.5 m	270 mm	65 mm	580	PUAS 9123 SVK
9/12	2xR 3/8" a rigid	6 m	7.5 m	550 mm	65 mm	960	PUAS 9126 SVK

Other hose dimensions or working lengths on request.



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)
- All advantages of the MODY-Spiral Hose
- Fluoride-, halogen-, silicon-free
- Outside calibrated
- Extremely burn resistant, burn classification according to UL 94 =VO
- Long-living and reliable
- Application: For compressed air and water supply under extreme conditions in industry (e.g. on welding robots), in garages near welding places, plastic injection machines, public buildings, trains, machine building

Max. Working Pressure	Temperature	Medium	Material	Colours	Short End	Long End	
PN 15 bar	-20°C – +100°C	compr. air / water	Polyurethane	black	10 cm	50 cm	1

Hose i.D./o.D.	Connection	Max. Working Length		Block Length		Weight/pc. g	
		Hose Length		Outer	Spiral	Type No.	
6/10	without	3 m	4.5 m	320 mm	52 mm	320	PUFS 6103
6/10	without	6 m	7.5 m	550 mm	52 mm	500	PUFS 6106
6/10	without	8 m	10 m	660 mm	52 mm	620	PUFS 6108
6/10	2xR 1/4" m swivelling	3 m	4.5 m	320 mm	52 mm	450	PUFS 6103 DVK
6/10	2xR 1/4" m swivelling	6 m	7.5 m	550 mm	52 mm	630	PUFS 6106 DVK
6/10	2xR 1/4" m swivelling	8 m	10 m	660 mm	52 mm	750	PUFS 6108 DVK
8/12	without	3 m	4.5 m	275 mm	65 mm	440	PUFS 8123
8/12	without	6 m	7.5 m	550 mm	65 mm	720	PUFS 8126
8/12	without	8 m	10 m	635 mm	65 mm	950	PUFS 8128
8/12	2xR 3/8" m swivelling	3 m	4.5 m	275 mm	65 mm	520	PUFS 8123 DVK
8/12	2xR 3/8" m swivelling	6 m	7.5 m	550 mm	65 mm	800	PUFS 8126 DVK
8/12	2xR 3/8" m swivelling	8 m	10 m	635 mm	65 mm	1130	PUFS 8128 DVK



Flamex-Hose (not spiralled), Minimum quantity 10 m

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

A : S : S Antistatic hose (not 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

New!



System supplementions

Quick Disconnect Couplings (© catalogue page 128–157)

Pneumatic Fittings (© catalogue page 172–178)

Blow-off Guns and -Valves (© catalogue page 158–163)

MODY-Spiral Hose Fittings

of brass resp. steel nickel plated with polyamid bend- and scratch protective spring

- All fittings removable and reusable
- Maximum bore for maximum flow-capacity
- Exactly adapted to PU-dimension and hardness
- New construction, extreme pull- and pressure-resistant
- Male threads tapered and Loctite-laminated
- Quick Disconnect Couplings Standard System DN 7,2
- Swivelling screwings with double O-ring sealing and circlip, easy to turn under pressure
- All fittings also available with spring of steel on request (also for PA-Hoses)

Squeeze Screwings for connections of Mody-Spiral-Hoses with compressed air lines or tools.

Max. Working Pressure	Temperature	Medium	Material	Material Spring	ES-DN	Threads	
PN 15 bar	-40°C – +85°C	compr. air a.o.	MS 58 / steel	Polyamid	7,2	ISO 228 / DIN 2999	5

Swivelling Squeeze Screwings with male thread (tapered, laminated) and bend- and scratch-protection

Thread	For hose i.D./o.D.	Bore	Material	Weight/pc. g	Type No.
R 1/4"	4/6	3 mm	MS 58	43	DVK 4614
R 1/4"	5/8	4.5 mm	MS 58	53	DVK 5814
R 1/4"	6.5/10	5.5 mm	MS 58	64	DVK 651014
R 1/4"	8/12	7 mm	MS 58	88	DVK 81214
R 3/8"	8/12	7 mm	MS 58	88	DVK 81238
R 3/8"	9/13	8 mm	MS 58	82	DVK 91338
R 1/2"	11/16	10 mm	steel	239	DVS 111612*



Swivelling Squeeze Screwings with female thread (parallel) and bend- and scratch-protection

Thread	For hose i.D./o.D.	Bore	Material	Weight/pc. g	Type No.
G 1/4"	4/6	3 mm	MS 58	49	DVK 4614 I
G 1/4"	5/8	4.5 mm	MS 58	58	DVK 5814 I
G 1/4"	6.5/10	5.5 mm	MS 58	70	DVK 651014 I
G 1/4"	8/12	7 mm	MS 58	80	DVK 81214 I
G 3/8"	8/12	7 mm	MS 58	80	DVK 81238 I
G 3/8"	9/13	8 mm	MS 58	74	DVK 91338 I
G 1/2"	11/16	10 mm	steel	254	DVS 111612 I*



Rigid Squeeze Screwings with male thread (tapered, laminated) and bend- and scratch-protection

Thread	For hose i.D./o.D.	Bore	Material	Weight/pc. g	Type No.
R 1/4"	4/6	3 mm	MS 58	25	SVK 4614
R 1/4"	5/8	4.5 mm	MS 58	29	SVK 5814
New! R 1/4"	6/8	5 mm	MS 58	28	SVK 6814
R 1/4"	6.5/10	5.5 mm	MS 58	43	SVK 651014
New! R 1/4"	7.5/10	6.5 mm	MS 58	40	SVK 751014
R 1/4"	8/12	7 mm	MS 58	56	SVK 81214
R 3/8"	8/12	7 mm	MS 58	63	SVK 81238
R 3/8"	9/12	8 mm	MS 58	61	SVK 91238
R 3/8"	9/13	8 mm	MS 58	59	SVK 91338
R 1/2"	11/16	10 mm	steel	171	SVS 111612*
R 1/2"	13/19	12 mm	steel	205	SVS 131912*
R 3/4"	13/19	12 mm	steel	210	SVS 131934*

On request also available in stainless steel 1.4305 against extra charge

Rigid Squeeze Screwings with female thread (parallel) and bend- and scratch-protection

Thread	For hose i.D./o.D.	Bore	Material	Weight/pc. g	Type No.
G 1/4"	4/6	3 mm	MS 58	25	SVK 4614 I
G 1/4"	5/8	4.5 mm	MS 58	31	SVK 5814 I
G 1/4"	6.5/10	5.5 mm	MS 58	48	SVK 651014 I
G 1/4"	8/12	7 mm	MS 58	64	SVK 81214 I
G 3/8"	8/12	7 mm	MS 58	66	SVK 81238 I
G 3/8"	9/13	8 mm	MS 58	62	SVK 91338 I
G 1/2"	11/16	10 mm	steel	180	SVS 111612 I *

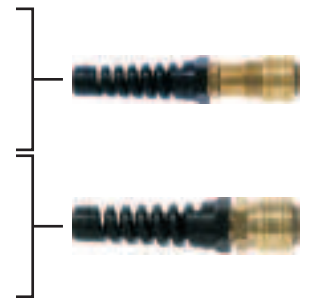
* with spring of nickel plated steel, male thread not laminated





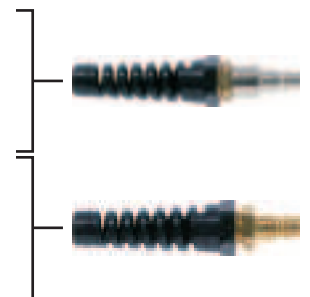
Quick Disconnect Couplings with squeeze screwings and bend- and scratch protection

For hose i.D./o.D.	ES-DN	Material	Characteristic	Weight/pc. g	Type No.
4/6	5	MS 58	swivelling	55	ESM 4 DVK
5/8	7,2	MS 58	swivelling	65	ES 5 DVK
6.5/10	7,2	MS 58	swivelling	111	ES 65 DVK
8/12	7,2	MS 58	swivelling	115	ES 8 DVK
9/13	7,2	MS 58	swivelling	131	ES 9 DVK
4/6	5	MS 58	rigid	45	ESM 4 SVK
5/8	7,2	MS 58	rigid	55	ES 5 SVK
6.5/10	7,2	MS 58	rigid	95	ES 65 SVK
8/12	7,2	MS 58	rigid	103	ES 8 SVK
9/13	7,2	MS 58	rigid	98	ES 9 SVK



Quick Disconnect Plugs with squeeze screwings and bend- and scratch protection

For hose i.D./o.D.	ES-DN	Material	Characteristic	Weight/pc. g	Type No.
4/6	5	hardened steel	swivelling	37	ESM 4 SDVK
5/8	7,2	hardened steel	swivelling	50	ES 5 SDVK
6.5/10	7,2	hardened steel	swivelling	62	ES 65 SDVK
8/12	7,2	hardened steel	swivelling	78	ES 8 SDVK
9/13	7,2	hardened steel	swivelling	75	ES 9 SDVK
4/6	5	MS 58	rigid	17	ESM 4 SSVK
5/8	7,2	MS 58	rigid	34	ES 5 SSVK
6.5/10	7,2	MS 58	rigid	46	ES 65 SSVK
8/12	7,2	MS 58	rigid	59	ES 8 SSVK
9/13	7,2	MS 58	rigid	57	ES 9 SSVK



Polyurethan-Hoses (not spiralled) for flexible compressed air lines (Minimum quantity 10 m/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	



Hose Pincer and Replacement Blade

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

