

Protective cable conduit systems plastic

Selection Table	753
Product register	754
SILVYN® SI/SP/SP-PU	755
SILVYN® EL/ELÖ/ELT	765
SILVYN® FPS/FD-PU	770
SILVYN® SI/SP/SP-PU	773
SILVYN® FPS/FD-PU	775
SILVYN® SI/SP/SP-PU	776
SILVYN® FPS/FD-PU	778
SILVYN® MAXI PVC	779

Protective cable conduit systems parallelly corrugated

SILVYN® RILL	780
SILVYN® HCC	793
SILVYN® FPAS	798
SILVYN® SPLIT	807
Cable protective conduit for preassembling	809
Protective cable conduit system SILVYN® MAXI PA	810

Protective cable conduit systems metal

SILVYN® AS/EDU-AS/AS-P	812
Protective cable conduit system SILVYN® SSUE	820
Protective cable conduit system SILVYN® UI 511 stainless steel	822

Protective cable conduit systems liquid-tight

SILVYN® CNP / HIPROJACKET	824
liquid tight conduits	826
SILVYN® HTDL	826
SILVYN® EF/OR	827
SILVYN® HCX/HFX	828
Protective cable conduit system SILVYN® LCC-2 / LCCH-2	833
Protective cable conduit system SILVYN® LTP	837

Processing tools SILVYN®

Cutting tools for protective cable conduit systems	839
SILVYN® Mounting angles	840
SILVYN® Conduit cable clamps	841

Cable Carrier Systems

SILVYN® CHAIN Serie Light / Medium	842
SILVYN® CHAIN Serie Heavy / Sliding	843
SILVYN® CHAIN Serie Protection / Robot	844
SILVYN® CHAIN Serie Steel / Installation types	845
Overview cables for power chain application	846

SILVYN®

Protective cable conduit- and cable carrier systems



Protective cable conduit systems plastic

Selection Table	753
Product register	754
SILVYN® SI/SP/SP-PU	
SILVYN® SI	755
SILVYN® SP	756
SILVYN® SP-PU	757
SILVYN® SSV-M	758
SILVYN® SSVZ-M	759
SILVYN® USK-M	760
SILVYN® USK	761
SILVYN® SSV	762
SILVYN® SSVZ	763
SILVYN® SCH	764
SILVYN® EL/ELÖ/ELT	
SILVYN® EL	New 765
SILVYN® ELÖ	New 766
SILVYN® ELT	New 767
SILVYN® MPC-M / SILVYN® MPC	New 768
SILVYN® SILVYN® MPC 90° M / MPC 90°	New 769
SILVYN® FPS/FD-PU	
SILVYN® FPS	770
SILVYN® FD-PU	771
SILVYN® MSK-M EE	772
SILVYN® USK-M	773
SILVYN® US-M	774
SILVYN® LKI / SILVYN® LKI-M	775
SILVYN® USK	776
SILVYN® US	777
SILVYN® EE-K	778
SILVYN® MAXI PVC	
SILVYN® MAXI PVC	779
SILVYN® AS-F	779

Protective cable conduit systems parallelly corrugated

SILVYN® RILL	
SILVYN® RILL PA 6	780
SILVYN® RILL PA 12	781
SILVYN® KLICK-GM	782
SILVYN® KLICK 90° M	783
SILVYN® KLICK GPZ-M	784
SILVYN® KSE	785
SILVYN® KLICK-GP	786
SILVYN® KLICK-GPZ	787
SILVYN® KLICK 90° PG	788
SILVYN® KLICK-Y (TPE) / SILVYN® KLICK-Y	789
SILVYN® KLICK-S / SILVYN® KLICK-D / SILVYN® KLICK-V	790
SILVYN® KLICK-RH	791
SILVYN® K-EM	792
SILVYN® HCC	
SILVYN® HCC	793
SILVYN® HG-M / SILVYN® HW-M	794
SILVYN® HF / SILVYN® HW / SILVYN® HG	795
SILVYN® DUO-M	796
SILVYN® SCLX	797
SILVYN® FPAS	
SILVYN® FPAS	New 798
SILVYN® FPAG-M	New 799
SILVYN® FPAX-M	New 800
SILVYN® FPAG 90°-M	New 801
SILVYN® FLEXILOK M / SILVYN® FLEXILOK PG	New 802
SILVYN® FLEXILOK 90° M / SILVYN® FLEXILOK 90° PG	New 803
SILVYN® FPAG / SILVYN® FPA 90° PG	New 804
SILVYN® FCL	805
SILVYN® FPAC	806
SILVYN® KSE-M	806

SILVYN® SPLIT	
SILVYN® SPLIT	807
SILVYN® SPLIT COV / SILVYN® SPLIT COS	New 808
Cable protective conduit for preassembling	
SILVYN® RILL PA6 SINUS	809
Protective cable conduit system SILVYN® MAXI PA	
SILVYN® MAXI PA	810
SILVYN® AFW-PA / AFW-PA / SILVYN® gasket AFG-PA / SILVYN® AFG-PA	811

Protective cable conduit systems metal

SILVYN® AS/EDU-AS/AS-P	
SILVYN® AS	812
SILVYN® EDU-AS	813
SILVYN® EMC AS-CU	814
SILVYN® AS-P	815
SILVYN® MSK-M US	816
SILVYN® US-M	817
SILVYN® US	818
SILVYN® US-MS-DR / SILVYN® US-EDU-AS / SILVYN® US-AS	819
SILVYN® SSUE	
SILVYN® SSUE	New 820
SILVYN® LGES-M / SILVYN® LGES-M	821
SILVYN® UI 511 stainless steel	
SILVYN® UI 511	822
SILVYN® UI 511 -EG / SILVYN® UI 511 -G	823

Protective cable conduit systems liquid-tight

Protective cable conduit system SILVYN® CNP	
SILVYN® CNP / SILVYN® CNP conduit gland	824
SILVYN® HIPROJACKET / SILVYN® HIPROJACKET CR	825
SILVYN® HTDL	826
SILVYN® EF	827
SILVYN® OR	827
SILVYN® HCX	828
SILVYN® HFX	828
SILVYN® AMW-M / SILVYN® AMHW-M / SILVYN® AMG-M	829
SILVYN® AMG	830
SILVYN® FDG/FDHW/FDW	831
SILVYN® TB-E	832
SILVYN® LCC-2 / LCCH-2	
SILVYN® LCC-2	833
SILVYN® LCCH-2	834
SILVYN® LGS-2 / SILVYN® LGS-2-M / SILVYN® LGF-2-M	835
SILVYN® LCG-M / SILVYN® LCW-M	836
SILVYN® LTP	
SILVYN® LTP	837
SILVYN® LTPG-M / SILVYN® LTPS-M / SILVYN® LTPW-M	838

Processing tools SILVYN®

Cutting tools for protective cable conduit systems	
SILVYN® CC01	839
SILVYN® ANAC-WZ	839
SILVYN® BMC-M	839
SILVYN® Mounting angles	
SILVYN® BW-K-M	840
SILVYN® BW-M	840
SILVYN® Conduit cable clamps	
SILVYN® RKS	841

Cable Carrier Systems

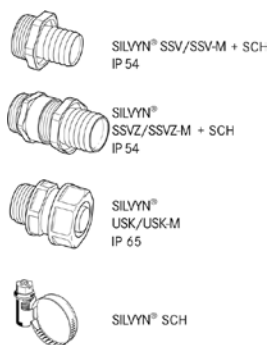
SILVYN® CHAIN Serie Light / Medium	842
SILVYN® CHAIN Serie Heavy / Sliding	843
SILVYN® CHAIN Serie Protection / Robot	844
SILVYN® CHAIN Serie Steel / Installation types	845
Overview cables for power chain application	846

Conduit Types	Characteristics														
	Nominal Width from - to mm	Temperature Range	Material	Flexibility	Compression Strength	Tensile Strength	Flexion Behaviour	Oil Resistance	Solvent Resistance	Protection against hot chips	Reversed Bending Fatigue Strength	Flame Resistance	Halogen-free	UV Resistance	Approvals
Protective conduits plastic															
SILVYN® SI	7.0 – 32.0	-5 °C to +80° C	Soft PVC	●	○	●	●	●	●	○	●	●	○	●	-
SILVYN® SP	10.0 – 50.0	-20 °C to +60° C	Soft PVC with Hard PVC Spiral	●	○	●	●	●	●	○	●	●	○	●	-
SILVYN® SP-PU	10.0 – 38.0	-40 °C to +90° C	PUR with Hard PVC Spiral	●	○	●	●	●	●	○	●	●	○	●	-
SILVYN® EL	10.0 – 50.0	-20 °C to +70° C	Soft PVC with Hard PVC Spiral	●	○	●	●	●	●	○	●	●	○	●	UR
SILVYN® ELÖ	10.0 – 50.0	-20 °C to +70° C	Soft PVC with Hard PVC Spiral	●	○	●	●	●	●	○	●	●	○	●	UR
SILVYN® ELT	10.0 – 50.0	-20 °C to +90° C	Soft PVC with Hard PVC Spiral	●	○	●	●	●	●	○	●	●	○	●	UR
SILVYN® FPS	7.0 – 48.0	-20 °C to +80° C	Soft PVC with insul. Spring Steel Wire	●	○	●	●	●	●	○	●	●	○	●	UR, VDE, NEMKO
SILVYN® FD-PU	7.0 – 48.0	-40 °C to +80° C	PUR with insul. Spring Steel Wire	●	○	●	●	●	●	○	●	●	○	●	VDE
SILVYN® MAXI PVC	70.0 – 125.0	-10 °C to +50° C	Soft PVC with Hard PVC Spiral	●	○	●	●	●	●	○	●	●	○	●	-
Protective conduits Polyamide corrugated															
SILVYN® RILL PA 6	6.5 – 48.0	-40 °C to +115° C	Polyamide 6	●	○	●	●	●	●	○	●	●	●	●	UR, VDE, GGVS, DNV, Lloyds, DB
SILVYN® RILL PA12	6.5 – 48.0	-50 °C to +100° C	Polyamide 12	●	○	●	●	●	●	○	●	●	●	●	VDE, Lloyds, DB
SILVYN® HCC	9.4 – 54.6	-25 °C to +100° C	Polyamide 6	●	○	●	●	●	●	○	●	●	●	●	DB
SILVYN® FPAS	6.3 – 56.3	-40 °C to +120° C	Polyamide 6	●	○	●	●	●	●	○	●	●	●	●	UR, Lloyds, Link up
SILVYN® SPLIT	8.9 – 43.1	-40 °C to +120° C	Polyamide 6	●	○	●	●	●	●	○	●	●	●	●	-
SILVYN® RILL PA6 SINUS	6.7 – 23.2	-40 °C to +140° C	Polyamide 6	●	○	●	●	●	●	○	●	●	●	●	GGVS, NFR-13-903
SILVYN® MAXI PA	70.0 – 95.0	-40 °C to +115° C	Polyamide 6	●	○	●	●	●	●	○	●	●	●	●	UR
Protective conduits metal															
SILVYN® AS	8.0 – 51.0	to +220 °C	Galvanized Steel Strip	●	○	●	●	●	●	●	●	●	●	●	VDE
SILVYN® EDU - AS	7.0 – 49.0	to +220 °C	Galvanized Steel, Braiding: galvanized steel wire	●	○	●	●	●	●	●	●	●	●	●	VDE
SILVYN® EMC AS-CU	7.0 – 49.0	to +220 °C	Galvanized Steel, Braiding: tinned copper	●	○	●	●	●	●	●	●	●	●	●	VDE
SILVYN® AS - P	7.0 – 49.0	-25 °C to +80 °C	Galvanized Steel, Coating PVC	●	○	●	●	●	●	○	●	●	○	●	VDE
SILVYN® LCC - 2	6.8 – 57.5	-15 °C to +70 °C	Galvanized Steel, Coating PVC	●	○	●	●	●	●	○	●	●	○	●	-
SILVYN® LCCH - 2	10.2 – 48.4	-25 °C to +90 °C	Galvanized Steel, Coating plastic halogen-free	●	○	●	●	●	●	○	●	●	●	●	UR, Lloyds, Link up
SILVYN® SSUE	6.8 – 28.1	-50 °C to +300 °C	Stainless Steel AISI 316	●	○	●	●	●	●	●	●	●	●	●	Link up
SILVYN® UI 511	9.6 – 52	-100 °C to +600 °C	Stainless Steel AISI 304	●	○	●	●	●	●	●	●	●	●	●	-
SILVYN® HIPROJACKET	6.0 – 76	-40 °C to +1640 °C	fibre glass with iron oxide silicone coat	●	○	●	●	●	●	●	●	●	●	●	SNCF (rolling stock)
Protective conduits liquidtight															
SILVYN® CNP	12.6 – 40.7	-20 °C to +60 °C	PVC Mix with Nylon Braid	●	○	●	●	●	●	○	●	●	○	●	UL, CSA
SILVYN® HTDL	12.6 – 51.6	-40 °C to +105 °C	Galvanized Steel, Copper wire, Coating PVC Mix	●	○	●	●	●	●	○	●	●	○	●	UL, CSA
SILVYN® EF	10.1 – 51.6	-25 °C to +70 °C	Galvanized Steel, Coating PVC Mix	●	○	●	●	●	●	○	●	●	○	●	-
SILVYN® OR	12.6 – 51.6	-15 °C to +100 °C	Galvanized Steel, Coating PVC Mix	●	○	●	●	●	●	○	●	●	○	●	-
SILVYN® HCX	12.6 – 35.1	-55 °C to +145 °C	Galvanized Steel, Coating Elastomer plastic	●	○	●	●	●	●	○	●	●	○	●	SNCF (rolling stock)
SILVYN® HFX	10.1 – 35.1	-45 °C to +105 °C	Galvanized Steel, Coating PUR	●	○	●	●	●	●	○	●	●	○	●	SNCF (rolling stock)
SILVYN® LTP	10.0 – 63.0	-20 °C to +105 °C	Galvanized Steel, Coating Soft PVC	●	○	●	●	●	●	○	●	●	○	●	Lloyds

● = very high ○ = low
 ● = high ○ = none
 ○ = medium

ÖLFLEX®	SILVYN® AFW-PA	811	SILVYN® LTPS-M	838
	SILVYN® AMG	830	SILVYN® LTPW-M	838
UNITRONIC®	SILVYN® ANAC-WZ	839	SILVYN® MAXI PA	810
	SILVYN® AS	812	SILVYN® MAXI PVC	779
ETHERLINE®	SILVYN® AS-F	779	SILVYN® MPC	768
	SILVYN® AS-P	815	SILVYN® MPC 90°	769
HITRONIC®	SILVYN® BMC-M	839	SILVYN® MPC 90° M	769
	SILVYN® BW-K-M	840	SILVYN® MPC-M	768
EPIC®	SILVYN® BW-M	840	SILVYN® MSK-M EE	772
	SILVYN® CC01	839	SILVYN® MSK-M US	816
SKINTOP®	SILVYN® CNP	824	SILVYN® OR	827
	SILVYN® CNP conduit gland	824	SILVYN® RILL PA 12	781
SILVYN®	SILVYN® DUO-M	796	SILVYN® RILL PA 6	780
	SILVYN® EDU-AS	813	SILVYN® RILL PA6 SINUS	809
FLEXIMARK®	SILVYN® EE-K	778	SILVYN® RKS	841
	SILVYN® EF	827	SILVYN® SCH	764
ACCESSORIES	SILVYN® EL	765	SILVYN® SCLX	797
	SILVYN® ELÖ	766	SILVYN® SI	755
APPENDIX	SILVYN® ELT	767	SILVYN® SP	756
	SILVYN® EMC AS-CU	814	SILVYN® SPLIT	807
	SILVYN® FCL	805	SILVYN® SPLIT COS	808
	SILVYN® FDG/FDHW/FDW	831	SILVYN® SPLIT COV	808
	SILVYN® FD-PU	771	SILVYN® SP-PU	757
	SILVYN® FLEXILOK 90° M	803	SILVYN® SSUE	820
	SILVYN® FLEXILOK 90° PG	803	SILVYN® SSV	762
	SILVYN® FLEXILOK M	802	SILVYN® SSV-M	758
	SILVYN® FLEXILOK PG	802	SILVYN® SSVZ	763
	SILVYN® FPAC	806	SILVYN® SSVZ-M	759
	SILVYN® FPAG	804	SILVYN® TB-E	832
	SILVYN® FPAG 90°-M	801	SILVYN® UI 511	822
	SILVYN® FPAS	798	SILVYN® UI 511 -EG	823
	SILVYN® FPAW	804	SILVYN® UI 511 -G	823
	SILVYN® FPAX-M	800	SILVYN® US	777
	SILVYN® FPS	770	SILVYN® US	818
	SILVYN® gasket AFG-PA / SILVYN® AFG-PA	811	SILVYN® US-AS	819
	SILVYN® HCC	793	SILVYN® US-EDU-AS	819
	SILVYN® HCX	828	SILVYN® USK	761
	SILVYN® HF	795	SILVYN® USK	776
	SILVYN® HFX	828	SILVYN® USK-M	760
	SILVYN® HG	795	SILVYN® USK-M	773
	SILVYN® HG-M	794	SILVYN® US-M	774
	SILVYN® HIPROJACKET	825	SILVYN® US-M	817
	SILVYN® HIPROJACKET CR	825	SILVYN® US-MS-DR	819
	SILVYN® HTDL	826		
	SILVYN® HW	795		
	SILVYN® HW-M	794		
	SILVYN® K-EM	792		
	SILVYN® KLICK 90° M	783		
	SILVYN® KLICK 90° PG	788		
	SILVYN® KLICK-D	790		
	SILVYN® KLICK-GM	782		
	SILVYN® KLICK-GP	786		
	SILVYN® KLICK-GPZ	787		
	SILVYN® KLICK GPZ-M	784		
	SILVYN® KLICK-RH	791		
	SILVYN® KLICK-S	790		
	SILVYN® KLICK-V	790		
	SILVYN® KLICK-Y	789		
	SILVYN® KLICK-Y (TPE)	789		
	SILVYN® KSE	785		
	SILVYN® KSE-M	806		
	SILVYN® LCC-2	833		
	SILVYN® LCCH-2	834		
	SILVYN® LCG-M	836		
	SILVYN® LCW-M	836		
	SILVYN® LGEF-M	821		
	SILVYN® LGES-M	821		
	SILVYN® LGF-2-M	835		
	SILVYN® LGS-2	835		
	SILVYN® LGS-2-M	835		
	SILVYN® LKI	775		
	SILVYN® LKI-M	775		
	SILVYN® LTP	837		
	SILVYN® LTPG-M	838		

SILVYN® SI



SILVYN® SI

Benefits

- Protection against dust
- Protection against humidity
- Slight abrasion protection

Application range

- Lightly cable protection
- Additional insulation
- Bundeling and guiding of cables and wires

Product features

- Flexible 24 mm
- Soft

Approvals (Norm references)



Design

- Soft PVC conduit

Technical data



Note
Flame retardant and self-extinguishing
Dielectric strength: 25 kV/mm
Resistance to tearing: 23 N/mm²
Shore A hardness: 75 °C up to 90 °C



Colour delivered
RAL 7001 silver grey



Material
Soft-PVC



Range of temperature
-5 °C up to +80 °C

Part number	Internal Ø x External Ø in mm	Inner Ø in mm	Suitable for SILVYN® SSV-M/SSVZ-M	Suitable for SILVYN® SSV/SSVZ	Suitable for SILVYN® SCH	PU ring in m
SILVYN® SI						
61713210	7.0 x 9.0	7.0	12.1/-			50
61713240	9.0 x 12.0	9.0	12.2/-			50
61713270	11.0 x 14.0	11.0	16.1 / -		10 - 16 S	50
61713300	13.0 x 16.0	13.0	16.2 / -		12 - 20 S	50
61713330	14.0 x 18.0	14.0	20.1 / 20/11/14		12 - 20 S	50
61713360	18.0 x 22.0	18.0	20.3 / 20/13/18	13,5,1	16 - 25 S	50
61713390	23.0 x 28.0	23.0	25 / 25/21/24	21,1	25 - 40 S	50
61713420	32.0 x 38.0	32.0	32 / 32/29/32	29,2	32 - 50 S	50

Accessories

- SILVYN® SSV-M see page 758
- SILVYN® SSVZ-M see page 759
- SILVYN® SSV see page 762
- SILVYN® SSVZ see page 763
- SILVYN® SCH see page 764
- SILVYN® MPC see page 768
- SILVYN® MPC-M see page 768
- SILVYN® MPC 90° see page 769
- SILVYN® MPC 90°-M see page 769

SILVYN® SP



SILVYN® SP

SILVYN® SSV/SSV-M + SCH
IP 54SILVYN®
SSVZ/SSVZ-M + SCH
IP 54SILVYN®
USK/USK-M
IP 65

SILVYN® SCH

■ Benefits

- Protection against mechanical stress
- Protection against dust
- Protection against humidity
- Slight abrasion protection

■ Application range

- Cable protection
- Additional insulation
- Bundeling and guiding of cables and wires

■ Product features

- Flexible 24 mm
- Dimensionally stable

■ Approvals (Norm references)



■ Design

- Hard PVC inner spiral
- Soft PVC outer sheet

■ Note

- On request
- In black RAL 9005 available (on request)

■ Technical data

RAL	Colour delivered RAL 7001 silver grey
	Material Soft-PVC with hard PVC spiral, SBR/NBR
	Range of temperature -15 °C up to +60 °C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® SSV- M/SSVZ-M	Suitable for SILVYN® USK-M	Suitable for SILVYN® SSV/SSVZ	Suitable for SILVYN® USK	Suitable for SILVYN® SCH	PU ring in m
SILVYN® SP									
61714000	10.0 x 14.0	50	10.0	16.1 / 16/9/10	12 x 1,5	9,1	9	10 - 16 S	25
61714010	12.0 x 16.0	60	12.0	16.2 / 16/9/12	16 x 1,5	9,2	11	12 - 20 S	25
61714020	14.0 x 18.0	70	14.0	20.1 / 20/11/14		11,1	13,5	12 - 20 S	25
61714100	16.0 x 20.0	70	16.0	- / 20/11/16	20 x 1,5	11,2	16	16 - 25 S	25
61714110	22.0 x 27.0	90	22.0	25 / 20/16/22	25 x 1,5	16,1	21	20 - 32 S	25
61714120	30.0 x 36.0	140	30.0	32 / 32/29/30	32 x 1,5	29,1	29	25 - 40 S	25
61714070	38.0 x 44.0	190	38.0	40 / 40/36/38	40 x 1,5	36,1	36	32 - 50 S	25
61714080	45.0 x 51.0	240	45.0	50 / 50/42/45		42,1	42	40 - 60 S	25
61714090	50.0 x 56.0	270	50.0	63 / 63/48/50	50 x 1,5	48,1	48	40 - 60 S	25

■ Comparable products

- SILVYN® SP-PU see page 757
- Suitable for SILVYN® SP-PU

■ Accessories

- SILVYN® SSV-M see page 758
- SILVYN® SSVZ-M see page 759
- SILVYN® USK-M see page 760
- SILVYN® USK see page 761
- SILVYN® SSV see page 762
- SILVYN® SSVZ see page 763
- SILVYN® SCH see page 764
- SILVYN® MPC see page 768
- SILVYN® MPC-M see page 768
- SILVYN® MPC 90° see page 769
- SILVYN® MPC 90°-M see page 769

SILVYN® SP-PU



SILVYN® SP-PU

■ Benefits

- Protection against mechanical stress
- Abrasion protection
- Protection against chemicals
- UV resistant and weather proof

■ Application range

- Cable protection
- Bundeling and guiding of cables and wires
- Outdoors application
- In harsh environment

■ Product features

- Tearproof
- Oil and petrol resistant
- Plasticizer free
- Resistant to microbes
- Dimensionally stable

■ Approvals (Norm references)



■ Design

- Hard PVC inner spiral
- Polyurathene outer sheet

■ Technical data

RAL	Colour delivered
	Black, RAL 9005, UV-resistant
	Material
	PUR with PVC spiral
	Range of temperature
	-20 °C to +90 °C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® SSV-M/SSVZ-M	Suitable for SILVYN® USK-M	Suitable for SILVYN® SSV/SSVZ	Suitable for SILVYN® USK	Suitable for SILVYN® SCH	PU ring in m
SILVYN® SP-PU									
61793620	10.0 x 14.0	50	10.0	16.1 / 16/9/10	12 x 1,5	9,1	9	10 - 16 S	25
61793630	12.0 x 16.0	60	12.0	16.2 / 16/9/12	16 x 1,5	9,2	11	12 - 20 S	25
61793640	14.0 x 18.0	70	14.0	20.1 / -		11,1	13,5	12 - 20 S	25
61793650	16.0 x 20.0	80	16.0	- / 20/11/16	20 x 1,5	11,2	16	16 - 25 S	25
61793660	22.0 x 27.0	110	22.0	25 / 20/16/22	25 x 1,5	16,1	21	20 - 32 S	25
61793670	30.0 x 36.0	150	30.0	32 / 32/29/30	32 x 1,5	29,1	29	25 - 40 S	25
61793680	38.0 x 44.0	200	38.0	40 / 40/36/38	40 x 1,5	36,1	36	32 - 50 S	25

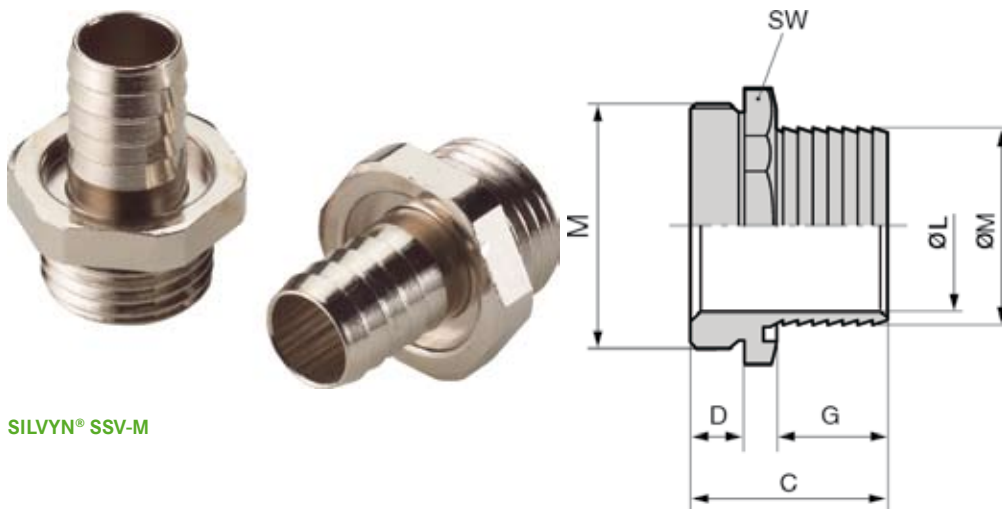
■ Comparable products

- SILVYN® FD-PU see page 771

■ Accessories

- SILVYN® SSV-M see page 758
- SILVYN® SSVZ-M see page 759
- SILVYN® USK-M see page 760
- SILVYN® USK see page 761
- SILVYN® SSV see page 762
- SILVYN® SSVZ see page 763
- SILVYN® SCH see page 764
- SILVYN® MPC see page 768
- SILVYN® MPC-M see page 768
- SILVYN® MPC 90° see page 769
- SILVYN® MPC 90°-M see page 769

SILVYN® SSV-M



SILVYN® SSV-M

■ Benefits

- Tensile strength conduit gland for plastic conduits

■ Application range

- In combination with protective conduit
- SILVYN® SI
- SILVYN® SP
- SILVYN® SP-PU

■ Product features

- Tensile strength
- Robust
- Compact design

■ Approvals (Norm references)



■ Design

- Metrical connection thread
- Conduit entry with special grip profile

■ Note

- Necessary conduit clamp SILVYN® SCH

■ Suitable conduits

- SILVYN® SI page 755
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data

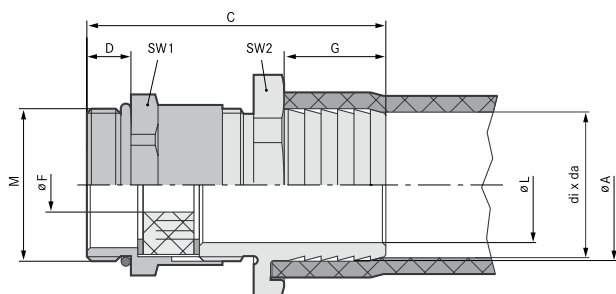


Material

Body: Nickel plated brass
O-ring: NBR

Part number	Connection thread M	Clear opening mm	Overall length C mm	Thread length D mm	SW mm	Suitable for SILVYN® SCH	Suitable for SILVYN® SI	Suitable for SILVYN® SP	Suitable for SILVYN® SP-PU	Pieces / PU
SILVYN® SSV-M										
52002827	12 x 1,5/1	7.0	25.0	8.0	16.0	10 - 16 S	7,0 x 9,0			50
52002828	12 x 1,5/2	9.0	25.0	8.0	19.0	10 - 16 S	9,0 x 12,0			50
52002840	16/1x1,5	8.0	25.0	8.0	19.0	10 - 16 S	11 x 14	10 x 14	10 x 14	50
52002839	16/2x1,5	10.0	25.0	8.0	19.0	12 - 20 S	13 x 16	12 x 16	12 x 16	50
52002841	20/1x1,5	12.0	25.0	8.0	22.0	16 - 25 S	14 x 18			50
52002842	20/3x1,5	15.5	25.0	8.0	25.0	20 - 32 S	18 x 23			50
52002843	25x1,5	19.0	29.5	8.5	32.0	20 - 32 S	23 x 28	22 x 27	22 x 27	25
52002844	32x1,5	27.0	32.5	9.5	40.0	32 - 50 S	32 x 38	30 x 36	30 x 36	25
52002845	40x1,5	34.0	36.0	11.0	50.0	32 - 50 S		38 x 44	38 x 44	10
52002846	50x1,5	41.0	39.0	12.0	57.0	40 - 60 S		45 x 51		5
52002847	63x1,5	46.0	43.0	12.0	67.0	40 - 60 S		50 x 56		5

SILVYN® SSVZ-M



SILVYN® SSVZ-M

Benefits

- Tensile strength conduit gland for plastic conduits
- Tensile strength cable protection

Application range

- In combination with protective conduit
- SILVYN® SI
- SILVYN® SP
- SILVYN® SP-PU

Product features

- Tensile strength
- Robust
- Compact design
- Cable strain relief
- Cable sealing

Approvals (Norm references)



Design

- Metrical connection thread
- Integrated cable gland
- Conduit entry with special grip profile

Note

- Necessary conduit clamp SILVYN® SCH
- With long connection thread (on request)
- With VITON® incised sealing and O-ring (on request)

Suitable conduits

- SILVYN® SI page 755
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

Technical data



Material
Body: Nickel plated brass
Incised sealing ring: CR
O-ring: NBR

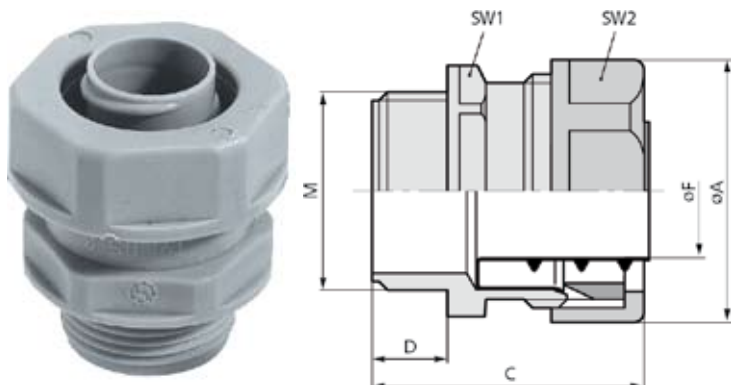


Range of temperature
-20°C up to +80°C

Part number	Connection thread M	Clear opening mm	Function thread PG	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® SCH	Suitable for SILVYN® SI	Suitable for SILVYN® SP	Suitable for SILVYN® SP-PU	Pieces / PU
SILVYN® SSVZ-M											
55501850	16 x 1,5/1	8.0	9.0	39.0	5.0	19 / 18	10 - 16 S		10 x 14	10 x 14	50
55501860	16 x 1,5/2	10.0	9.0	39.0	5.0	19 / 18	12 - 20 S		12 x 16	12 x 16	50
55501870	20 x 1,5/1	12.0	11.0	39.6	6.0	22 / 22	16 - 25 S	14 x 18	14 x 18	14 x 18	50
55501880	20 x 1,5/2	12.5	11.0	39.6	6.0	22 / 22	16 - 25 S		16 x 20	16 x 20	50
55501890	20 x 1,5/3	15.5	13.0	43.0	6.0	25 / 22	20 - 32 S	18 x 23			50
55501900	20 x 1,5/4	16.0	16.0	44.0	6.0	30 / 24	20 - 32 S		22 x 27	22 x 27	25
55501910	25 x 1,5	20.0	21.0	48.0	7.0	32 / 30	20 - 32 S	23 x 28			25
55501920	32 x 1,5/1	27.0	29.0	53.6	8.0	40 / 40	25 - 40 S		30 x 36	30 x 36	25
55501930	32 x 1,5/2	30.0	29.0	53.6	8.0	42 / 40	32 - 50 S	32 x 38			25
55501940	40 x 1,5	34.0	36.0	61.6	8.0	52 / 50	32 - 50 S		38 x 44	38 x 44	10
55501950	50 x 1,5	41.0	42.0	68.6	9.0	57 / 57	40 - 60 S		45 x 51		5
55501960	63 x 1,5	46.0	48.0	71.6	10.0	64 / 66	40 - 60 S		50 x 56		5

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SILVYN® USK-M



SILVYN® USK-M

■ Benefits

- Fast and easy assembly
- Vibration protection
- No necessary extra parts

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Inside application
- Slightly mechanical stress

■ Product features

- Large wrench sizes

■ Approvals (Norm references)



- FILENUMBER E308201

■ Design

- Metrical connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

■ Note

- Including SILVYN® EE-K inner sleeve

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® FD-PU page 771
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data



Colour delivered
RAL 7001 silver grey



Material
PP



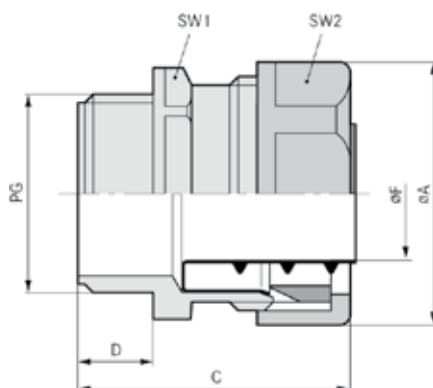
Degree of protection
IP 54



Range of temperature
-10°C up to +110°C

Part number	Connection thread M	Clear opening mm	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® SP	Suitable for SILVYN® SP-PU	Pieces / PU
SILVYN® USK-M M									
55501300	10 x 1,0	6.0	40.0	10.0	18 / 16	7 x 10			50
55501310	12 x 1,5	9.0	43.0	12.0	23 / 21	10 x 14	10 x 14	10 x 14	50
55501320	16 x 1,5	13.0	43.0	12.0	27 / 24	13 x 17	12 x 16	12 x 16	50
55501330	20 x 1,5	14.5	44.0	13.0	32 / 29	16 x 21	16 x 20	16 x 20	50
55501340	25 x 1,5	19.5	50.0	13.0	40 / 36	22 x 27	22 x 27	22 x 27	25
55501350	32 x 1,5	27.0	51.0	15.0	49 / 45	29 x 36	30 x 36	30 x 36	25
55501360	40 x 1,5	36.0	51.0	15.0	58 / 53	38 x 45	38 x 44	38 x 44	25
55501370	50 x 1,5	46.0	58.0	16.0	70 / 65	48 x 56	50 x 56		10

SILVYN® USK



SILVYN® USK

■ Benefits

- Fast and easy assembly
- Vibration protection
- No necessary extra parts

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Inside application
- Slightly mechanical stress

■ Product features

- Large wrench sizes

■ Approvals (Norm references)



- FILENUMBER E308201

■ Design

- PG connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

■ Note

- Including SILVYN® EE-K inner sleeve

■ Suitable conduits

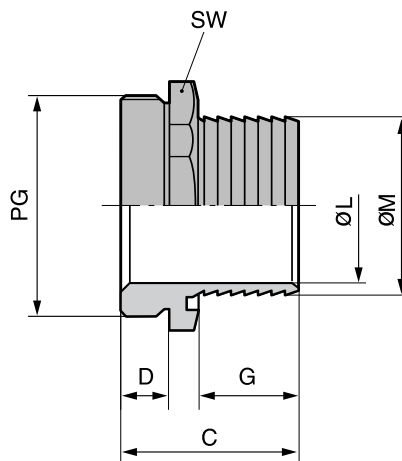
- SILVYN® FPS page 770
- SILVYN® FD-PU page 771
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data

RAL	Colour delivered
	RAL 7001 silver grey
Material	
	PP
IP	Degree of protection
	IP 54
Range of temperature	
	-10°C up to +110°C

Part number	PG size	Clear opening mm	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® SP/SP-PU	Pieces / PU
SILVYN® USK								
52005810	7	6.0	40.0	10.0	18 / 16	7 x 10		50
52005820	9	9.0	41.0	10.0	23 / 21	10 x 14	10 x 14	50
52005830	11	11.0	41.0	10.0	27 / 24	13 x 17	12 x 16	50
52005840	13.5	13.0	41.0	10.0	29 / 26	15 x 19	14 x 18	50
52005850	16	14.5	42.0	11.0	32 / 29	16 x 21	16 x 20	50
52005860	21	19.5	48.0	11.0	40 / 36	22 x 27	22 x 27	25
52005870	29	27.0	48.0	12.0	49 / 45	29 x 36	30 x 36	25
52005880	36	36.0	48.0	12.0	63 / 53	38 x 45	38 x 44	25
52005900	48	46.0	57.0	15.0	70 / 65	48 x 56	50 x 56/-	10

SILVYN® SSV



SILVYN® SSV

■ Benefits

- Tensile strength conduit gland for plastic conduits

■ Application range

- In combination with protective conduit
- SILVYN® SI
- SILVYN® SP
- SILVYN® SP-PU

■ Product features

- Tensile strength
- Robust
- Compact design

■ Approvals (Norm references)



■ Design

- PG connection thread
- Conduit entry with special grip profile

■ Note

- Necessary conduit clamp SILVYN® SCH

■ Suitable conduits

- SILVYN® SI page 755
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data

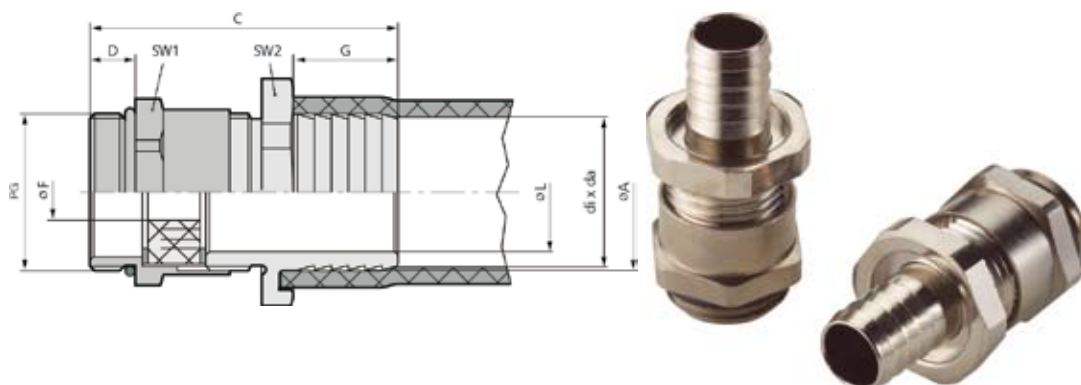


Material

Body: Nickel plated brass
O-ring: NBR

Part number	PG size	Clear opening mm	Overall length C mm	Thread length D mm	SW mm	Suitable for SILVYN® SCH	Suitable for SILVYN® SI	Suitable for SILVYN® SP	Suitable for SILVYN® SP-PU	Pieces / PU
SILVYN® SSV										
52003070	9/1	8.0	25.0	5.5	19.0	10 - 16 S		10 x 14	10 x 14	100
53800020	9/2	10.0	25.0	5.5	19.0	12 - 20 S		12 x 16	12 x 16	100
52003080	11/1	12.0	25.0	6.0	22.0	16 - 25 S		14 x 18	14 x 18	50
52024560	11/2	14.0	25.0	6.0	22.0	16 - 25 S		16 x 20	16 x 20	50
52003090	13,5	15.5	27.5	6.5	25.0	20 - 32 S	18 x 22			50
52003100	16/1	19.0	27.5	7.5	30.0	20 - 32 S		22 x 27	22 x 27	25
52003110	21/1	21.0	30.0	8.0	32.0	20 - 32 S	23 x 28			25
53800080	29/1	27.0	33.0	9.5	40.0	25 - 40 S		30 x 36	30 x 36	25
52024640	29/2	30.0	33.0	9.5	42.0	32 - 50 S	32 x 38			25
52002980	36/1	34.0	37.0	12.0	52.0	32 - 50 S		38 x 44	38 x 44	10
52002990	42/1	41.0	41.0	14.0	57.0	40 - 60 S		45 x 51		5
52013000	48/1	46.0	44.0	14.0	64.0	40 - 60 S		50 x 56		5

SILVYN® SSVZ



SILVYN® SSVZ

Benefits

- Tensile strength conduit gland for plastic conduits
- Tensile strength cable protection

Application range

- In combination with protective conduit
- SILVYN® SI
- SILVYN® SP
- SILVYN® SP-PU

Product features

- Tensile strength
- Robust
- Compact design
- Cable strain relief
- Cable sealing

Approvals (Norm references)



Design

- PG connection thread
- Integrated cable gland
- Conduit entry with special grip profile

Note

- Necessary conduit clamp SILVYN® SCH
- With long connection thread (on request)
- With VITON® incised sealing and O-ring (on request)

Suitable conduits

- SILVYN® SI page 755
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

Technical data



On request

With 15 mm connection thread
With VITON® incised sealing and O-ring (on request)



Material

Body: Nickel plated brass
Incised sealing ring: CR
O-ring: NBR



Range of temperature

-20°C up to +80°C

Part number	PG size	Clear opening mm	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® SCH	Suitable for SILVYN® SI	Suitable for SILVYN® SP	Suitable for SILVYN® SP-PU	Pieces / PU
SILVYN® SSVZ										
52021070	9/1	8.0	39.1	6.0	19 / 17	10 - 16 S		10 x 14	10 x 14	50
52021080	9/2	10.0	39.1	6.0	19 / 17	12 - 20 S		12 x 16	12 x 16	50
52003020	11/1	12.0	39.6	6.0	22 / 20	16 - 25 S		14 x 18	14 x 18	50
52024670	11/2	14.0	39.6	6.0	22 / 20	16 - 25 S		16 x 20	16 x 20	50
52003030	13,5	15.5	43.1	6.5	25 / 22	20 - 32 S	18 x 22			50
52003040	16/1	19.0	44.1	6.5	30 / 24	20 - 32 S		22 x 27	22 x 27	25
52003050	21/1	21.0	48.1	7.0	32 / 30	7	23 x 28			25
52003060	29/1	27.0	53.6	8.0	40 / 40	25 - 40 S		30 x 36	30 x 36	25
52024680	29/2	30.0	53.6	8.0	42 / 40	32 - 50 S	32 x 38			25

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SILVYN® SCH



SILVYN® SCH

■ Benefits

- Ensures the tensile strength
- Clamps different conduit sizes with one clamp

■ Application range

- In combination with
- SILVYN® SSV-M/SSVZ-M
- SILVYN® SSV/SSV-Z

■ Product features

- Various clamping range

■ Approvals (Norm references)



■ Design

- Galvanized steel
- Worm gear drive

■ Suitable conduits

- SILVYN® SI page 755
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data



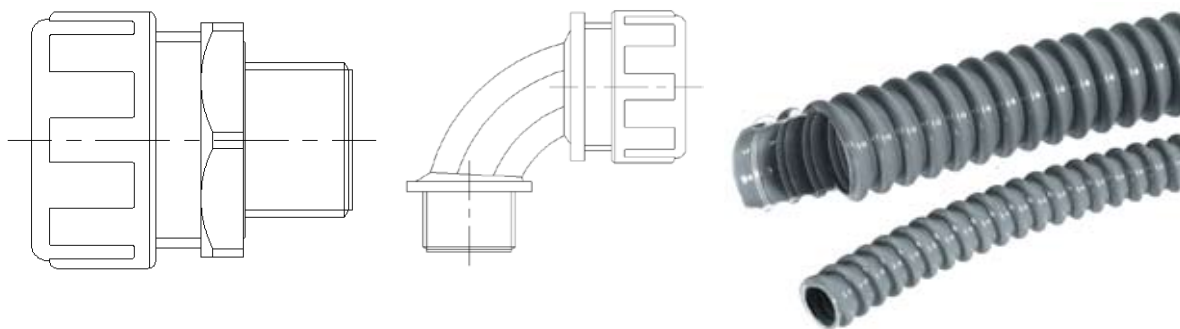
Material
Steel, galvanized

Part number	Article designation	Clamping range mm	Suitable for SILVYN® SI/SP/SP-PU	Pieces / PU
SILVYN® SCH				
52003130	10 - 16 S	10.0 - 16.0	10 x 14 / 11 x 14	100
52003140	12 - 20 S	12.0 - 20.0	12 x 16 / 13 x 16 / 14 x 18	100
52003160	16 - 25 S	16.0 - 25.0	16 x 20 / 18 x 22 / 18 x 23	100
52003170	20 - 32 S	20.0 - 32.0	22 x 27	100
52009050	25 - 40 S	25.0 - 40.0	30 x 36 / 23 x 28	100
52009061	35 - 50 S	35.0 - 50.0	32 x 38 / 38 x 44	50
52009040	40 - 60 S	40.0 - 60.0	45 x 51 / 50 x 56	25

■ Accessories

- SILVYN® SSV-M see page 758
- SILVYN® SSVZ-M see page 759
- SILVYN® SSV see page 762
- SILVYN® SSVZ see page 763

SILVYN® EL



SILVYN® EL

Benefits

- Easy assembly of cables and wires
- Bendable
- Compression resistant
- In combination with SILVYN® MPC/MPC-M a totally insulated system

- Smooth inner wall
- Dimensionally stable

Approvals (Norm references)



- UL pending

Application range

- Mechanical engineering
- Vehicle construction
- Vending machine building
- Exporter

Design

- Integrated hard PVC spiral
- Soft PVC outer sheath

Note

- On request
- In black RAL 9005 available (on request)

Product features

- Flexible

Technical data

RAL	Colour delivered
	RAL 7001 silver grey
	Material
	Soft-PVC sheath with hard PVC spiral
	Range of temperature
	-20 °C up to +70 °C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU ring in m
SILVYN® EL							
61747360	10.0 x 14.7	20	10.0	16 x 1,5	9	9	30
61747370	12.0 x 16.6	25	12.0	16 x 1,5	11 / 13,5	11 / 13,5	30
61747380	16.0 x 20.7	30	16.0	20 x 1,5	13,5 / 16	13,5 / 16	30
61747390	22.0 x 27.7	40	22.0	25 x 1,5	21	21	30
61747400	25.0 x 30.6	45	25.0	32 x 1,5	29	29	30
61747410	28.0 x 33.5	50	28.0	32 x 1,5	29	29	30
61747420	35.0 x 41.0	60	35.0	40 x 1,5	36	36	30
61747430	40.0 x 46.4	70	40.0	50 x 1,5	42		30
61747440	50.0 x 57.2	85	50.0	63 x 1,5	48		30

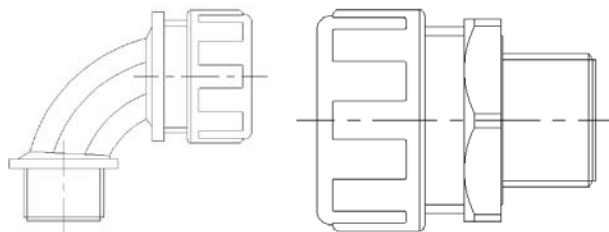
Comparable products

- SILVYN® ELÖ see page 766
- SILVYN® ELT see page 767

Accessories

- SILVYN® MPC-M see page 768
- SILVYN® MPC see page 768
- SILVYN® MPC 90° M see page 769
- SILVYN® MPC 90° see page 769

SILVYN® ELÖ



SILVYN® ELÖ

■ Benefits

- Resistant against grease, cooling agents, oil, especially testing oil ASTM2
- Easy assembly of cables and wires
- Bendable
- Compression resistant
- In combination with SILVYN® MPC/MPC-M a totally insulated system

■ Application range

- Mechanical engineering
- Machine tools
- Vending machine building
- Applications with frequent chemical influences

■ Product features

- Oil resistant
- Flexible 24 mm
- Smooth inner wall
- Dimensionally stable

■ Approvals (Norm references)



- UL pending

■ Design

- Integrated hard PVC spiral
- Special soft PVC sheath

■ Technical data



Colour delivered

RAL 6001 green



Material

Soft-PVC sheath with hard PVC spiral



Range of temperature

-20 °C up to +70 °C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® MPC-M/MPC 90°M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU ring in m
SILVYN® ELÖ							
61751610	10.0 x 14.7	20	10.0	12 x 1,5	9	7	30
61751620	12.0 x 16.6	25	12.0	16 x 1,5	11/13,5	11/13,5	30
61751630	16.0 x 20.7	30	16.0	20 x 1,5	13,5/16	13,5/16	30
61751640	22.0 x 27.7	40	22.0	25 x 1,5	21	21	30
61751650	25.0 x 30.6	45	25.0	32 x 1,5	29	29	30
61751660	28.0 x 33.5	50	28.0	32 x 1,5	29	29	30
61751670	35.0 x 41.0	60	35.0	40 x 1,5	36	36	30
61751680	40.0 x 46.4	70	40.0	50 x 1,5	42		30
61751690	50.0 x 57.2	85	50.0	63 x 1,5	48		30

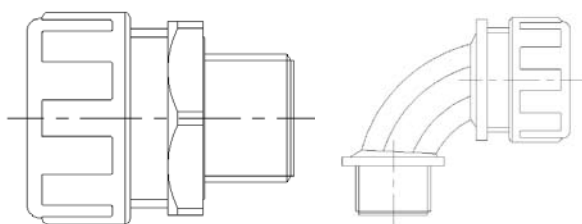
■ Comparable products

- SILVYN® EL see page 765
- SILVYN® ELT see page 767

■ Accessories

- SILVYN® MPC-M see page 768
- SILVYN® MPC see page 768
- SILVYN® MPC 90° M see page 769
- SILVYN® MPC 90° see page 769

SILVYN® ELT



SILVYN® ELT

■ Benefits

- Heat resistant
- Easy assembly of cables and wires
- Bendable
- Compression resistant
- In combination with SILVYN® MPC/MPC-M a totally insulated system

■ Application range

- Mechanical engineering
- Machine tools
- Vending machine building
- Applications with higher temperatures

■ Product features

- Heat resistant
- Flexible 24 mm
- Smooth inner wall
- Dimensionally stable

■ Approvals (Norm references)



- UL pending

■ Design

- Integrated hard PVC spiral
- Modified soft PVC sheath

■ Technical data

	Colour delivered RAL 5012 blue
	Material Soft-PVC sheath with hard PVC spiral
	Range of temperature -20 °C to +90 °C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU ring in m
SILVYN® ELT							
61751700	10.0 x 14.7	20	10.0	12 x 1,5	9	7	30
61751710	12.0 x 16.6	25	12.0	16 x 1,5	11/13,5	11/13,5	30
61751720	16.0 x 20.7	30	16.0	20 x 1,5	13,5/16	13,5/16	30
61751730	22.0 x 27.7	40	22.0	25 x 1,5	21	21	30
61751740	25.0 x 30.6	45	25.0	32 x 1,5	29	29	30
61751750	28.0 x 33.5	50	28.0	32 x 1,5	29	29	30
61751760	35.0 x 41.0	60	35.0	40 x 1,5	36	36	30
61751770	40.0 x 46.4	70	40.0	50 x 1,5	42		30
61751780	50.0 x 57.2	85	50.0	63 x 1,5	48		30

■ Comparable products

- SILVYN® EL see page 765
- SILVYN® ELÖ see page 766

■ Accessories

- SILVYN® MPC-M see page 768
- SILVYN® MPC see page 768
- SILVYN® MPC 90° M see page 769
- SILVYN® MPC 90° see page 769

New

SILVYN® MPC-M / SILVYN® MPC



SILVYN® MPC-M

■ Benefits

- Universally useable
- Fast and easy assembly

■ Application range

- In combination with protective conduit
- SILVYN® SI/SP/SP-PU (smooth conduits)
- SILVYN® EL/ELÖ/ELT (corrugated conduits)

■ Product features

- Dust protection
- Moisture protection
- Tensile strength

■ Approvals (Norm references)



- UL pending

■ Design

SILVYN® MPC-M

- Metric connection thread
- Hexagonal collar with integrated conduit connection

SILVYN® MPC

- PG connection thread
- Hexagonal collar with integrated conduit connection

■ Suitable conduits

SILVYN® MPC-M

- SILVYN® EL page 765
- SILVYN® SI page 755
- SILVYN® ELÖ page 766
- SILVYN® SP page 756
- SILVYN® ELT page 767
- SILVYN® SP-PU page 757

■ Technical data



On request

SILVYN® MPC-M

With 45° elbow



Grey, RAL 7001

Colour delivered

SILVYN® MPC-M

Black, RAL 9005, UV-resistant

SILVYN® MPC

Black



Material

PA66

Halogen-free



Degree of protection

IP 65



Range of temperature

SILVYN® MPC-M

-50°C up to +135°C

SILVYN® MPC

-50°C up to +135°C

Part number	PG size	Connection thread M	Clear opening mm	Suitable for SILVYN® SI	Suitable for SILVYN® SP/SP-PU	SILVYN® EL/ELÖ/ELT	Pieces / PU
SILVYN® MPC-M							
55502460		16 x 1,5/1	8.0	11 x 14		10 x 14,7	10
55502461		16 x 1,5/2	11.0	13 x 16	12 x 16	12 x 16,6	10
55502462		20 x 1,5/1	14.0	13 x 16	12 x 16	12 x 16,6	10
55502463		20 x 1,5/1	14.0		16 x 20	16 x 20,7	10
55502464		25 x 1,5	19.0		22 x 27	22 x 27,7	10
55502465		32 x 1,5/1	23.0			25,0 x 30,6	10
55502469		M32/2	25.0			28 x 33,5	10
55502466		40 x 1,5	33.0			35 x 41,0	2
55502467		50 x 1,5	37.0	-	-	40 x 46,4	2
55502468		63 x 1,5	48.0	-	50 x 56	50 x 57,2	1
SILVYN® MPC							
55502470	9		8.0	11 x 14		10 x 14,7	10
55502471	11		11.0	13 x 16	12 x 16	12 x 16,6	10
55502472	13.5		11.0	13 x 16	12 x 16	12 x 16,6	10
55502494	13.5		11.0		16 x 20	16 x 20,7	10
55502473	16		14.0		16 x 20	16 x 20,7	10
55502474	21		19.0		22 x 27	22 x 27,7	10
55502495	29		25.0			28 x 33,5	10
55502476	29		25.0			25,0 x 30,6	10
55502477	36		33.0			35 x 41,0	2
55502478	42		48.0			40 x 46,4	2
55502479	42		48.0			50 x 57,2	2

New

SILVYN® MPC 90° / SILVYN® MPC 90° M



SILVYN® MPC 90° M

■ Benefits

- Universally useable
- Fast and easy assembly
- 90° elbow enables best assembling

■ Application range

- 90° elbow enables best assembling
- In combination with protective conduit
- SILVYN® SI/SP/SP-PU (smooth conduits)
- SILVYN® EL/ELÖ/ELT (corrugated conduits)

■ Product features

- Dust protection
- Moisture protection
- Tensile strength

■ Approvals (Norm references)



- UL pending

■ Design

SILVYN® MPC 90°

- Metrical connection thread
- 90° elbow with integrated conduit connection

SILVYN® MPC 90° M

- PG connection thread
- 90° elbow with integrated conduit connection

■ Suitable conduits

SILVYN® MPC-M

- SILVYN® EL page 765
- SILVYN® SI page 755
- SILVYN® ELÖ page 766
- SILVYN® SP page 756
- SILVYN® ELT page 767
- SILVYN® SP-PU page 757

■ Technical data

RAL	Colour delivered Black on request grey RAL 7001
	Material PA 66 Halogen-free
IP	Degree of protection IP 65
	Range of temperature -50 °C up to +135 °C

Part number	PG size	Connection thread M	Clear opening mm	Suitable for SILVYN® SI	Suitable for SILVYN® SP/SP-PU	SILVYN® EL/ELÖ/ELT	Pieces / PU
SILVYN MPC 90° M							
55502480		16 x 1,5	11.0	11 x 14		10 x 14,7	10
55502481		20 x 1,5	11.0	13 x 16	12 x 16	12 x 16,6	10
55502482		20 x 1,5	14.0		16 x 20	16 x 20,7	10
55502483		25 x 1,5	19.0		22 x 27	22 x 27,7	10
55502484		32 x 1,5	25.0	-	-	28 x 33,5	10
55502485		40 x 1,5	33.0	-	-	35 x 41,0	2
SILVYN MPC 90°							
55502486	11		11.0	11 x 14		12 x 16,6	10
55502487	13.5		11.0	13 x 16	12 x 16	12 x 16,6	10
55502488	16		11.0	13 x 16	12 x 16	12 x 16,6	10
55502489	21		14.0		16 x 20	16 x 20,7	10
55502490	29		14.0		16 x 20	16 x 20,7	10
55502493	36		33.0	-	-	35 x 41,0	2

SILVYN® FPS



SILVYN® FPS



SILVYN® MSK-M

SILVYN® USK/USK-M
IP65SILVYN® US/US-M + EE-K
IP 65SILVYN® LKI/LKI-M
IP54

SILVYN® EE-K

■ Benefits

- Dimensionally stable
- Outdoor, direct burial
- Compressible and extendable
- Widely oil and acid resistant
- Air and liquid tight

■ Application range

- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Robot building
- Flexible application
- Inside application

■ Product features

- Cadmium free

■ Approvals (Norm references)



- FILENUMBER E308201

■ Design

- PVC insulated steel spring wire
- Soft PVC outer sheet

■ Note

- PU=50 m (on request)

■ Technical data



Colour delivered

Grey



Material

Soft-PVC with insulated spring steel wire



Range of temperature

-20°C up to +80°C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® USK-M/US-M	Suitable for SILVYN® LKI-M/MSK-M	Suitable for SILVYN® USK/US/LKI/EE-K	PU ring in m
SILVYN® FPS							
61711550	7.0 x 10.0	8	7.0	10 x 1,0	12 x 1,5	7	25
61711590	10.0 x 14.0	10	10.0	12 x 1,5	16 x 1,5	9	25
61711630	13.0 x 17.0	13	13.0	16 x 1,5	20 x 1,5	11	25
61711670	15.0 x 19.0	15	15.0			13,5	25
61711710	16.0 x 21.0	17	16.0	20 x 1,5	25 x 1,5	16	25
61711750	22.0 x 27.0	20	22.0	25 x 1,5	32 x 1,5	21	25
61711790	29.0 x 36.0	25	29.0	32 x 1,5	40 x 1,5	29	25
61711830	38.0 x 45.0	36	38.0	40 x 1,5	50 x 1,5	36	25
61711910	48.0 x 56.0	40	48.0	50 x 1,5	63 x 1,5	48	25
SILVYN® FPS 10M							
61721690	7.0 x 10.0	8	7.0	10 x 1,0	12 x 1,5	7	10
61721700	10.0 x 14.0	10	10.0	12 x 1,5	16 x 1,5	9	10
61721710	13.0 x 17.0	13	13.0	16 x 1,5	20 x 1,5	11	10
61721720	15.0 x 19.0	15	15.0			13,5	10
61721730	16.0 x 21.0	17	16.0	20 x 1,5	25 x 1,5	16	10
61721740	22.0 x 27.0	20	22.0	25 x 1,5	32 x 1,5	21	10
61721750	29.0 x 36.0	25	29.0	32 x 1,5	40 x 1,5	29	10
61721760	38.0 x 45.0	36	38.0	40 x 1,5	50 x 1,5	36	10
61721780	48.0 x 56.0	40	48.0	50 x 1,5	63 x 1,5	48	10

■ Comparable products

- SILVYN® FD-PU see page 771

■ Accessories

- SILVYN® MSK-M EE see page 772
- SILVYN® US-M see page 774
- SILVYN® LKI-M see page 775
- SILVYN® US see page 777
- SILVYN® USK-M see page 760
- SILVYN® LKI see page 775
- SILVYN® EE-K see page 778

SILVYN® FD-PU



SILVYN® FD-PU

■ Benefits

- Dimensionally stable
- Highly flexible / cold flexible
- Compressible and extendable
- Increased resistance against oil, petrol, acids and greases
- Air and liquid tight

■ Application range

- Outdoors application
- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Robot building
- Flexible application

■ Product features

- Halogen and cadmium-free
- Abrasion and microbe resistant
- Flame rating according to UL94 V0

■ Approvals (Norm references)



■ Design

- PVC insulated steel spring wire
- Polyurethane outer sheet

■ Note

- PU=50 m (on request)

■ Technical data

RAL	Colour delivered Metallic blue
	Material PUR with PVC insulated spring steel wire Fire behaviour according to UL 94 V0
	Range of temperature -40 °C bis +80 °C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Weight kg/m	Suitable for SILVYN® USK-M/US-M	Suitable for SILVYN® LKI-M/MSK-M	Suitable for SILVYN® USK/US/LKI/EE-K	PU ring in m
SILVYN® FD-PU								
64453660	7.0 x 10.0	10	7.0	0.09	10 x 1,0	12 x 1,5	7	10
64453670	10.0 x 14.0	14	10.0	0.11	12 x 1,5	16 x 1,5	9	10
64453680	13.0 x 17.0	17	13.0	0.22	16 x 1,5	20 x 1,5	11	10
64453690	15.0 x 19.0	19	15.0	0.28			13,5	10
64453700	16.0 x 21.0	21	16.0	0.30	20 x 1,5	25 x 1,5	16	10
64453710	22.0 x 27.0	27	22.0	0.33	25 x 1,5	32 x 1,5	21	10
64453720	29.0 x 36.0	36	29.0	0.45	32 x 1,5	40 x 1,5	29	10
64453730	38.0 x 45.0	45	38.0	0.56	40 x 1,5	50 x 1,5	36	10
64453750	48.0 x 56.0	56	48.0	0.82	50 x 1,5	63 x 1,5	48	10

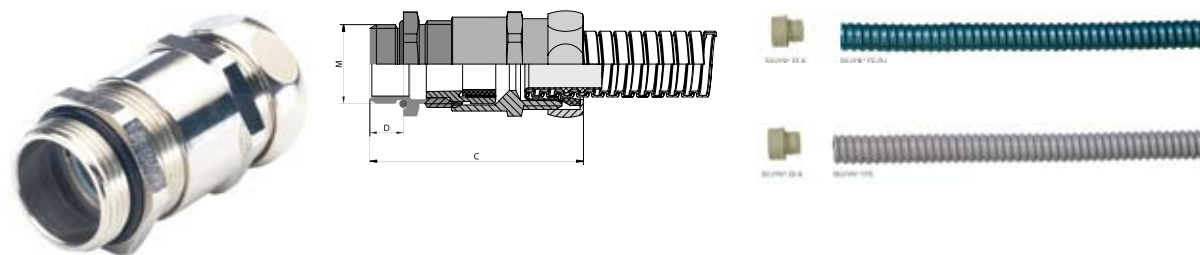
■ Comparable products

- SILVYN® FPS see page 770
- SILVYN® SP-PU see page 757

■ Accessories

- SILVYN® MSK-M EE see page 772
- SILVYN® US-M see page 774
- SILVYN® LKI-M see page 775
- SILVYN® US see page 777
- SILVYN® USK-M see page 760
- SILVYN® LKI see page 775
- SILVYN® EE-K see page 778

SILVYN® MSK-M EE



SILVYN® MSK-M EE

■ Benefits

- Optimal cable and conduit strain relief
- Highest cable sealing
- Fast and easy assembly
- Large clamping range
- Anti turn protection

■ Application range

- In combination with protective conduit
- SILVYN® FPS
- SILVYN® FD-PU
- Inside application / outside
- Everywhere where cables and wires need to be additionally sealed and strain relieved

■ Product features

- Combination of SILVYN® and SKINTOP®

■ Approvals (Norm references)



■ Design

- Optionally:
- SKINTOP® MS-M gland
- SKINTOP® MS-SC-M EMC connection
- SKINTOP® DIX multiple sealing insert
- SILVYN® conduit connection via inner sleeve and cap nut

■ Note

- With XL connection thread (on request)
- With ATEX approval (on request)

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® FD-PU page 771

■ Technical data



Material

Basis type:
Body: Nickel plated brass
Conduit connector seal: CR/NBR
Tube seal: TPE



Degree of protection

Cable: IP 68
Conduit:
IP 65 with SILVYN® FPS, FD-PU



Range of temperature

-30°C up to +100°C

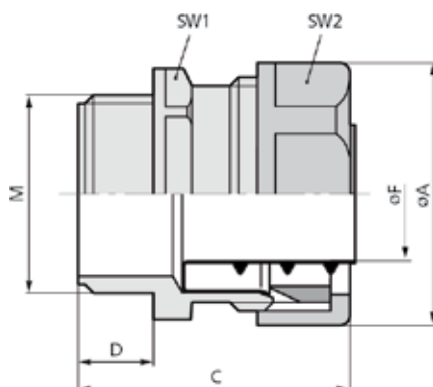
Part number	Article designation	Suitable for conduit OØ mm	Pieces / PU
SILVYN® MSK-M for SILVYN® FPS / FD-PU			
55506070	MSK-M M12x1,5 EE	FPS, FD-PU 7 x 10	5
55506071	MSK-M M16x1,5 EE	FPS, FD-PU 10 x 14	5
55506072	MSK-M M20x1,5 EE	FPS, FD-PU 13 x 17	5
55506073	MSK-M M25x1,5 EE	FPS, FD-PU 16 x 21	5
55506074	MSK-M M32x1,5 EE	FPS, FD-PU 22 x 27	5
55506075	MSK-M M40x1,5 EE	FPS, FD-PU 29 x 36	1
55506076	MSK-M M50x1,5 EE	FPS, FD-PU 38 x 45	1
55506077	MSK-M M63x1,5 EE	FPS, FD-PU 48 x 56	1
SILVYN® MSK-M for SILVYN® FPS / FD-PU			
55506100	MSK-SC-M M12x1,5 EE	FPS, FD-PU 7 x 10	5
55506101	MSK-SC-M M16x1,5 EE	FPS, FD-PU 10 x 14	5
55506102	MSK-SC-M M20x1,5 EE	FPS, FD-PU 13 x 17	5
55506103	MSK-SC-M M25x1,5 EE	FPS, FD-PU 16 x 21	5
55506104	MSK-SC-M M32x1,5 EE	FPS, FD-PU 22 x 27	5
55506105	MSK-SC-M M40x1,5 EE	FPS, FD-PU 29 x 36	1
55506106	MSK-SC-M M50x1,5 EE	FPS, FD-PU 38 x 45	1
SILVYN® MSK-M for SILVYN® FPS / FD-PU			
55506000	MSK-M M25 D450x1,5 EE	FPS, FD-PU 16 x 21	5
55506001	MSK-M M32 D470x1,5 EE	FPS, FD-PU 22 x 27	5

Further types with SKINTOP® DIX-M on request

■ Accessories

- SKINTOP® DIX-M see page 662
- SKINTOP® DIX-M AUTOMATION see page 663
- SKINTOP® DIX-DV see page 665

SILVYN® USK-M



SILVYN® USK-M

■ Benefits

- Fast and easy assembly
- Vibration protection
- No necessary extra parts

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Inside application
- Slightly mechanical stress

■ Product features

- Large wrench sizes

■ Design

- Metrical connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

■ Note

- Including SILVYN® EE-K inner sleeve

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® FD-PU page 771
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data

RAL	Colour delivered
	RAL 7001 silver grey
Material	
IP	Degree of protection
	IP 54
Range of temperature	
	-10°C up to +110°C

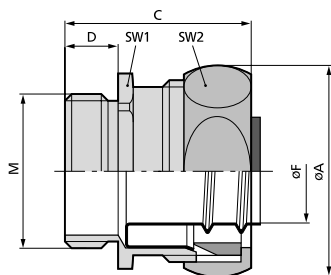
■ Approvals (Norm references)



- FILENUMBER E308201

Part number	Connection thread M	Clear opening mm	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® SP	Suitable for SILVYN® SP-PU	Pieces / PU
SILVYN® USK-M									
55501300	10 x 1,0	6.0	40.0	10.0	18 / 16	7 x 10			50
55501310	12 x 1,5	9.0	43.0	12.0	23 / 21	10 x 14	10 x 14	10 x 14	50
55501320	16 x 1,5	13.0	43.0	12.0	27 / 24	13 x 17	12 x 16	12 x 16	50
55501330	20 x 1,5	14.5	44.0	13.0	32 / 29	16 x 21	16 x 20	16 x 20	50
55501340	25 x 1,5	19.5	50.0	13.0	40 / 36	22 x 27	22 x 27	22 x 27	25
55501350	32 x 1,5	27.0	51.0	15.0	49 / 45	29 x 36	30 x 36	30 x 36	25
55501360	40 x 1,5	36.0	51.0	15.0	58 / 53	38 x 45	38 x 44	38 x 44	25
55501370	50 x 1,5	46.0	58.0	16.0	70 / 65	48 x 56	50 x 56		10

SILVYN® US-M



SILVYN® US-M

■ Benefits

- High tensile strength
- Saving space
- Vibration protection
- Universally useable

■ Application range

- In combination with protective conduit
- SILVYN® FPS/FD-PU
- SILVYN® AS/EDU-AS/EMC AS-CU/AS-P
- Mechanical engineering
- Plant engineering

■ Product features

- Compact design
- Applicable as an EMC gland by using the brass ring SILVYN® US-MS-DR

■ Approvals (Norm references)



■ Design

- Metric connection thread
- Hexagonal collar
- Inner sleeve (not included in the delivery)
- Sealing element
- Cap nut

■ Note

- Necessary inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- Has to be ordered separately in dependence of the chosen conduit

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® EDU-AS page 813
- SILVYN® FD-PU page 771
- SILVYN® AS-P page 815
- SILVYN® EMC AS-CU page 814

■ Technical data



Material

Body: Nickel plated brass
Sealing ring: TPE



Degree of protection

IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 65 (with SILVYN® FPS and AS-P)
IP 66 (with SILVYN® FD-PU)



Range of temperature

-40°C up to + 125°C

Part number	Size M	SW 1/2 mm	C mm	D mm	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® AS	Suitable for SILVYN® EDU-AS/AS-P/EMC AS-CU	Pieces / PU
SILVYN® US-M								
55501500	10 x 1,0	15 / 17	31	10	7 x 10	8 x 10	7 x 10	50
55501510	12 x 1,5	19 / 21	33	10	10 x 14	11 x 14	10 x 14	50
55501520	16 x 1,5	23 / 25	33	10	13 x 17	14 x 17	13 x 17	50
55501530	20 x 1,5	27 / 29	33	10	16 x 21	18 x 21	17 x 21	50
55501540	25 x 1,5	34 / 36	41	11	22 x 27	23 x 27	22 x 27	25
55501550	32 x 1,5	43 / 45	43	13	29 x 36	31 x 36	29 x 36	25
55501560	40 x 1,5	52 / 54	43	13	38 x 45	40 x 45	38 x 44	20
55501570	50 x 1,5	63 / 66	49	14	48 x 56	51 x 56	49 x 56	10

■ Comparable products

- SILVYN® MSK-M EE see page 772
- SILVYN® MSK-M US see page 816

SILVYN® LKI / SILVYN® LKI-M



SILVYN® LKI-M

■ Benefits

- Fast and easy assembly
- Vibration protection
- Tensile strength
- Swivelable

■ Application range

- In combination with protective conduit
- SILVYN® FPS
- SILVYN® FD-PU
- Robot building
- For swivelable applications

■ Product features

- Smooth inner surface
- Slim construction

■ Approvals (Norm references)



- FILENUMBER E308201

■ Design

SILVYN® LKI-M

- Metrical connection thread
- Swivelling upper part with integrated inner sleeve

SILVYN® LKI

- PG connection thread
- Swivelling upper part with integrated inner sleeve

■ Suitable conduits

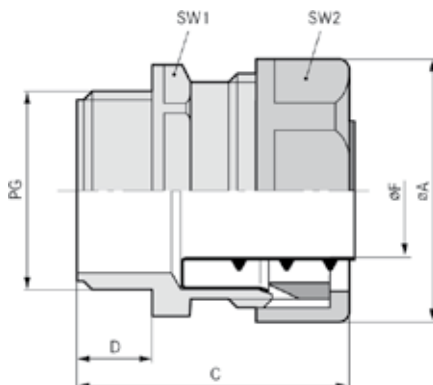
- SILVYN® FPS page 770
- SILVYN® FD-PU page 771

■ Technical data

RAL	Colour delivered
	RAL 7001 silver grey
Material	PP
IP	Degree of protection
	IP 54
Range of temperature	-10 °C up to +110 °C

Part number	PG size	Connection thread M	Clear opening mm	Overall length C mm	Thread length D mm	SW mm	Suitable for SILVYN® FPS/FD-PU	Pieces / PU
SILVYN® LKI-M								
55501400		12 x 1,5	5.5	38.0	10.0	16.0	7 x 10	50
55501410		16 x 1,5	9.5	39.5	10.0	19.0	10 x 14	50
55501420		20 x 1,5	11.5	42.0	10.0	22.0	13 x 17	50
55501430		25 x 1,5	14.5	48.0	11.0	27.0	16 x 21	50
55501440		32 x 1,5	19.5	58.0	12.0	35.0	22 x 27	25
55501450		40 x 1,5	27.0	59.0	12.0	45.0	29 x 36	25
55501460		50 x 1,5	35.5	62.5	12.0	54.0	38 x 45	25
55501470		63 x 1,5	46.0	68.0	15.0	65.0	48 x 56	10
SILVYN® LKI								
55000000	7		5.5	38.0	10.0	16.0	7 x 10	50
55000010	9		9.5	39.5	10.0	19.0	10 x 14	50
55000020	11		11.5	42.0	10.0	22.0	13 x 17	50
55000030	13.5		13.0	42.0	10.0	24.0	15 x 19	50
55000040	16		14.5	48.0	11.0	27.0	16 x 21	50
55000050	21		19.5	58.0	11.0	35.0	22 x 27	25
55000060	29		27.0	59.0	12.0	45.0	29 x 36	25
55000070	36		35.5	62.5	12.0	54.0	38 x 45	25
55000090	48		46.0	68.0	15.0	65.0	48 x 45	10

SILVYN® USK



SILVYN® USK

■ Benefits

- Fast and easy assembly
- Vibration protection
- No necessary extra parts

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Inside application
- Slightly mechanical stress

■ Product features

- Large wrench sizes

■ Design

- PG connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

■ Note

- Including SILVYN® EE-K inner sleeve

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® FD-PU page 771
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data



Colour delivered

RAL 7001 silver grey



Material

PP



Degree of protection

IP 54



Range of temperature

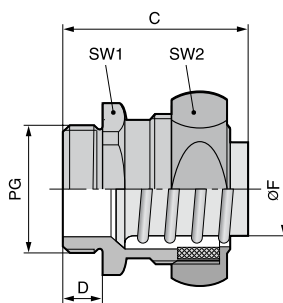
-10°C up to +110°C

■ Approvals (Norm references)



- FILENUMBER E308201

Part number	PG size	Clear opening mm	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® SP/SP-PU	Pieces / PU
SILVYN® USK								
52005810	7	6.0	40.0	10.0	18 / 16	7 x 10		50
52005820	9	9.0	41.0	10.0	23 / 21	10 x 14	10 x 14	50
52005830	11	11.0	41.0	10.0	27 / 24	13 x 17	12 x 16	50
52005840	13.5	13.0	41.0	10.0	29 / 26	15 x 19	14 x 18	50
52005850	16	14.5	42.0	11.0	32 / 29	16 x 21	16 x 20	50
52005860	21	19.5	48.0	11.0	40 / 36	22 x 27	22 x 27	25
52005870	29	27.0	48.0	12.0	49 / 45	29 x 36	30 x 36	25
52005880	36	36.0	48.0	12.0	63 / 53	38 x 45	38 x 44	25
52005900	48	46.0	57.0	15.0	70 / 65	48 x 56	50 x 56/-	10

SILVYN® US

SILVYN® US
Benefits

- High tensile strength
- Saving space
- Vibration protection
- Universally useable

Application range

- In combination with protective conduit
- SILVYN® FPS/FD-PU
- SILVYN® AS/EDU-AS/EMC AS-CU/AS-P
- Mechanical engineering
- Plant engineering

Product features

- Compact design
- Applicable as an EMC gland by using the brass ring SILVYN® US-MS-DR

Approvals (Norm references)

Design

- PG connection thread
- Hexagonal collar
- Inner sleeve (not included in the delivery)
- Sealing element
- Cap nut

Note

- Necessary inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- Has to be ordered separately in dependence of the chosen conduit

Suitable conduits

- SILVYN® FPS page 770
- SILVYN® EDU-AS page 813
- SILVYN® FD-PU page 771
- SILVYN® AS-P page 815
- SILVYN® EMC AS-CU page 814

Technical data


Material
Body: Nickel plated brass
sealing: TPE



Degree of protection
IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 65 (with SILVYN® FPS and AS-P)
IP 66 (with SILVYN® FD-PU)



Range of temperature
-40°C up to + 125°C

Part number	PG size	Overall length C mm	D mm	F mm	SW 1/2 mm	Suitable for SILVYN® FPS/FD- PU	Suitable for SILVYN® AS	Suitable for SILVYN® EDU-AS/AS-P/EMC AS-CU	Pieces / PU
SILVYN® US									
61795080	7	28.0	7.0	9	15 / 17	7 x 10	8 x 10	7 x 10	50
61795090	9	30.0	7.0	11	19 / 21	10 x 14	11 x 14	10 x 14	50
61795100	11	30.0	7.0	15	23 / 25	13 x 17	14 x 17	13 x 17	50
61795110	13.5	30.0	7.0	17	25 / 27	15 x 19	16 x 19	15 x 19	50
61795120	16	30.0	7.0	19	27 / 29	16 x 21	18 x 21	17 x 21	50
61795130	21	40.0	10.0	24	34 / 36	22 x 27	23 x 27	22 x 27	25
61795140	29	40.0	10.0	32	43 / 45	29 x 36	31 x 36	29 x 36	25
61795150	36	40.0	10.0	42	52 / 54	38 x 45	40 x 45	38 x 45	20
61795170	48	45.0	10.0	55	63 / 77	48 x 56	51 x 56	49 x 56	10

SILVYN® EE-K



■ Benefits

- Avoid cable damages

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SP/SP-PU
- Cover of the conduit's end

■ Approvals (Norm references)



■ Design

- Inner sleeve

■ Note

- Necessary part if SILVYN® US-M abd US, has to be used

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® FD-PU page 771
- SILVYN® SP page 756
- SILVYN® SP-PU page 757

■ Technical data



Colour delivered

Grey, RAL 7001



Material

PP



Range of temperature

-10°C up to +110°C

Part number	Article designation	Conduit outer-Ø mm	Suitable for SILVYN® US / US-M	Pieces / PU
SILVYN® EE-K				
52023340	EE-K 7	10	7 / 10 x 1,5	50
52023350	EE-K 9	14	9 / 12 x 1,5	50
52023360	EE-K 11	17	11 / 16 x 1,5	50
52023370	EE-K 13,5	19	13,5 / -	50
52023380	EE-K 16	21	16 / 20 x 1,5	50
52023390	EE-K 21	27	21 / 25 x 1,5	25
52023400	EE-K 29	36	29 / 32 x 1,5	25
52023410	EE-K 36	45	36 / 40 x 1,5	20
52023430	EE-K 48	56	48 / 50 x 1,5	10

■ Accessories

- SILVYN® US-M see page 774
- SILVYN® US see page 777

SILVYN® MAXI PVC

Benefits

- Easy assembly of cables and wires
- Bendable
- Compression resistant
- Oil resistant
- Minimizes the risk of accidents

Application range

- Mechanical engineering
- Vending machine building
- Bundeling and guiding of cables and wires

Product features

- Smooth inner wall
- Flexible

Approvals (Norm references)



Design

- Integrated hard PVC spiral
- Soft PVC outer sheet

Technical data

	Colour delivered Grey
	Material Soft-PVC sheath with welded hard PVC spiral
	Range of temperature -10°C to +50°C



Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Weight kg/m	Suitable for SILVYN® AS-F	PU ring in m
SILVYN® MAXI PVC						
61746400	70.0 x 78.0	70	70.0	0.70		30
61746410	100.0 x 109.0	100	100.0	1.00	100	30
61746420	125.0 x 136.0	125	125.0	1.00	125	30

Comparable products

- SILVYN® MAXI PA see page 810

Accessories

- SILVYN® AS-F see page 779

Benefits

- Tearproofed connection
- Protecting the cable from damage

Application range

- In combination with protective conduit
- SILVYN® MAXI PVC
- Mechanical engineering
- Bundeling and
- Guiding of cables and wires

Technical data

	Colour delivered Grey
	Material Polyamide
	Range of temperature -40°C up to +120°C

SILVYN® AS-F



Approvals (Norm references)



Design

- This connection flange made of polyamide consists of two half shells which are equipped on the inside with thread-shaped studs for holding and fixing the conduit. The half shells are connected by steel screws

Suitable conduits

- SILVYN® MAXI PVC page 779

Part number	Article designation	Internal Ø x External Ø in mm	Inner Ø in mm	Attachment flange length x width mm	Suitable for SILVYN® MAXI PVC	Pieces / PU
SILVYN® AS-F						
61794940	100	111.0 x 117.5	111.0	110 x 110	100 x 109	1
61794950	125	132.0 x 140.0	132.0	130 x 130	125 x 136	1

SILVYN® RILL PA 6



SILVYN® RILL PA 6



Info

- Highest safety in case of fire

Benefits

- Dimensionally stable
- Flexible 24 mm
- Highly flame-retardant and self-extinguishing in accordance with UL94 V0
- Compression resistant
- Slim weight

- Abrasion resistant
- Increased resistance against oil, petrol, acids and other chemicals

Approvals (Norm references)



- UL FILENUMBER E308201

Design

- Fine profil corrugated polyamide 6 conduit

Note

- UV and weather resistant in black

Product features

- Halogen and cadmium-free

Technical data



Approvals

UR File No. E308201
VDE, KEMA, DNV,
Rail:
GGVS, DB, SNCF
UNDERGROUND



Colour delivered

Grey
Black, UV-resistant



Material

PA 6
Silicon free
Halogen free
UL94 V0



Range of temperature

-40°C up to +115°C

Part number	Article designation	Part ID x A Ø mm	Bending radius mm	Suitable for SILVYN® KLICK-GM/WM	Suitable for SILVYN® KLICK-GP/WP	Suitable for SILVYN® KLICK-GPZ-M/GPZ	PU ring in m
SILVYN® RILL PA 6 grey							
61746939	7	6.5 x 10.0	13	10 x 1,0	7/-	12 x 1,5/7	50
61746940	9	10.0 x 13.0	20	12 x 1,5/16 x 1,5	9/9	16x1,5/9	50
61746950	11	12.0 x 15.8	35	16 x 1,5/20 x 1,5	11/11	20x1,5/11	50
61747010	13,5	14.3 x 18.5	40		13,5/13,5	-/13,5	50
61746960	16	16.5 x 21.2	45	20 x 1,5	16/16	25x1,5/16	50
61746970	21	23.0 x 28.5	55	25 x 1,5	21/21	32x1,5/21	50
61746980	29	29.0 x 34.5	65	32 x 1,5	29/29	40x1,5/29	25
61746990	36	36.0 x 42.5	90	40 x 1,5	36/-	50x1,5/36	25
61747000	48	48.0 x 54.5	100	50 x 1,5	48/-	63x1,5/48	25
SILVYN® RILL PA 6 black							
61746935	7	6.5 x 10.0	13	10 x 1,0	7/-	12 x 1,5/7	50
61746945	9	10.0 x 13.0	20	12 x 1,5/16 x 1,5	9/9	16x1,5/9	50
61746955	11	12.0 x 15.8	35	16 x 1,5/20 x 1,5	11/11	20x1,5/11	50
61747015	13,5	14.3 x 18.5	40		13,5/13,5	-/13,5	50
61746965	16	16.5 x 21.2	45	20 x 1,5	16/16	25x1,5/16	50
61746975	21	23.0 x 28.5	55	25 x 1,5	21/21	32x1,5/21	50
61746985	29	29.0 x 34.5	65	32 x 1,5	29/29	40x1,5/29	25
61746995	36	36.0 x 42.5	90	40 x 1,5	36/-	50x1,5/36	25
61747005	48	48.0 x 54.5	100	50 x 1,5	48/-	63x1,5/48	25

Comparable products

- SILVYN® RILL PA 12 see page 781

Accessories

- SILVYN® KLICK-GM see page 782
- SILVYN® KLICK 90°-M see page 783
- SILVYN® KLICK GPZ-M see page 784
- SILVYN® KSE see page 785
- SILVYN® KLICK-GP see page 786
- SILVYN® KLICK 90° PG see page 788
- SILVYN® KLICK-GPZ see page 787
- SILVYN® KLICK-Y see page 789
- SILVYN® KLICK-Y (TPE) see page 789
- SILVYN® KLICK-S see page 790
- SILVYN® KLICK-D see page 790
- SILVYN® KLICK-V see page 790
- SILVYN® KLICK-RH see page 791
- SILVYN® K-EM see page 792

SILVYN® RILL PA 12



Info

- Specialist for robot applications



SILVYN® RILL PA 12

Benefits

- Dimensionally stable
- Highly flexible / cold flexible
- Flame retardant and self-extinguishing in accordance with UL94 V2
- Compression resistant
- Highly bendable

Application range

- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Building Automation
- Robot building
- Outdoor application (in black colour)

Product features

- Halogen and cadmium-free

- Abrasion resistant
- Increased resistance against oil, petrol, acids and other chemicals

Approvals (Norm references)



- Railway: DB, SNCF

Design

- Fine profil corrugated polyamide 12 conduit

Note

- UV and weather resistant in black

Suitable conduits

- SILVYN® RILL PA 6 page 780

Technical data



Approvals

Railway:
DB, SNCF



Colour delivered

Grey
Black, UV-resistant



Material

PA 12
silicon free
halogen-free
UL94 V2



Range of temperature

-50 °C to +100 °C

Part number	Article designation	Part IØ x AØ mm	Bending radius mm	Suitable for SILVYN® KLICK-GM/WM	Suitable for SILVYN® KLICK-GP/WP	Suitable for SILVYN® KLICK-GPZ-M/GPZ	PU ring in m
SILVYN® RILL PA 12 grey							
61815100	7	6.5 x 10.0	13	10 x 1,5	7/-	12 x 1,5/7	50
61815110	9	10.0 x 13.0	15	12 x 1,5/16 x 1,5	9/9	16x1,5/9	50
61815120	11	12.0 x 15.8	22	16 x 1,5/20 x 1,5	11/11	20x1,5/11	50
61815180	13,5	14.3 x 18.5	27		13,5/13,5	-/13,5	50
61815130	16	16.5 x 21.2	35	20 x 1,5	16/16	25x1,5/16	50
61815140	21	23.0 x 28.5	45	25 x 1,5	21/21	32x1,5/21	50
61815150	29	29.0 x 34.5	50	32 x 1,5	29/29	40x1,5/29	25
61815160	36	36.0 x 42.5	80	40 x 1,5	36/-	50x1,5/36	25
61815170	48	48.0 x 54.5	100	50 x 1,5	48/-	63x1,5/48	25
SILVYN® RILL PA 12 black							
61815105	7	6.5 x 10.0	13	10 x 1,5	7/-	12 x 1,5/7	50
61815115	9	10.0 x 13.0	15	12 x 1,5/16 x 1,5	9/9	16x1,5/9	50
61815125	11	12.0 x 15.8	22	16 x 1,5/20 x 1,5	11/11	20x1,5/11	50
61815185	13,5	14.3 x 18.5	27		13,5/13,5	-/13,5	50
61815135	16	16.5 x 21.2	35	20 x 1,5	16/16	25x1,5/16	50
61815145	21	23.0 x 28.5	45	25 x 1,5	21/21	32x1,5/21	50
61815155	29	29.0 x 34.5	50	32 x 1,5	29/29	40x1,5/29	25
61815165	36	36.0 x 42.5	80	40 x 1,5	36/-	50x1,5/36	25
61815175	48	48.0 x 54.5	100	50 x 1,5	48/-	63x1,5/48	25

Comparable products

- SILVYN® RILL PA 6 see page 780

Accessories

- SILVYN® KLICK-GM see page 782
- SILVYN® KLICK 90°-M see page 783
- SILVYN® KLICK GPZ-M see page 784
- SILVYN® KSE see page 785
- SILVYN® KLICK 90° PG see page 786
- SILVYN® KLICK-WP see page 788
- SILVYN® KLICK-GPZ see page 787
- SILVYN® KLICK-Y see page 789
- SILVYN® KLICK-Y (TPE) see page 789
- SILVYN® KLICK-S see page 790
- SILVYN® KLICK-D see page 790
- SILVYN® KLICK-V see page 790
- SILVYN® KLICK-RH see page 791
- SILVYN® K-EM see page 792

SILVYN® KCLICK-GM



■ Benefits

- Fast mounting
- Easy unassembling
- Tensile strength
- Highly sealing
- Swivelable

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Robot building
- Swivelable applications

■ Approvals (Norm references)



- UL FILENUMBER E308201

■ Design

- Metric connection thread
- Body with inner sealing
- Upper part with snap-in sleeve

■ Note

- For swivelable applications unassemble upper part, remove sealing, assemble upper part

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data

RAL	Colour delivered
	Grey
	Black, UV-resistant
Material	PA 6
IP	Degree of protection
	IP 68
	IP 69K according DIN 40050 T.9
Range of temperature	-30 °C up to +100 °C

Part number	Connection thread M	Hole-Ø mm	For flexible conduit outside Ø mm	Thread length D mm	SW mm	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK-GM grey							
55501000	10 x 1,0	6,5	10,0	12,0	17,0	6,5 x 10,0	50
55501010	12 x 1,5	8,0	13,0	12,0	20,0	10 x 13,0	50
55501020	16 x 1,5/1	10,0	13,0	12,0	20,0	10 x 13,0	50
55501030	16 x 1,5/2	12,0	15,8	12,0	23,0	12 x 15,8	50
55501040	20 x 1,5/1	12,0	15,8	13,0	23,0	12 x 15,8	50
55501050	20 x 1,5/2	16,0	21,2	13,0	29,5	16,5 x 21,2	50
55501060	25 x 1,5	20,5	28,5	13,0	37,0	23 x 28,5	25
55501070	32 x 1,5	27,5	34,5	15,0	44,0	29 x 34,5	25
55501080	40 x 1,5	35,0	42,5	15,0	51,5	36 x 42,5	25
55501090	50 x 1,5	45,0	54,5	15,3	65,5	48 x 54,5	10
55500990	63 x 1,5	48,0	54,5	16,0	59,0	48 x 54,5	10
SILVYN® KCLICK-GM black							
55501005	10 x 1,0	6,5	10,0	12,0	17,0	6,5 x 10,0	50
55501015	12 x 1,5	8,0	13,0	12,0	20,0	10 x 13,0	50
55501025	16 x 1,5/1	10,0	13,0	12,0	20,0	10 x 13,0	50
55501035	16 x 1,5/2	12,0	15,8	12,0	23,0	12 x 15,8	50
55501045	20 x 1,5/1	12,0	15,8	13,0	23,0	12 x 15,8	50
55501055	20 x 1,5/2	16,0	21,2	13,0	29,5	16,5 x 21,2	50
55501065	25 x 1,5	20,5	28,5	13,0	37,0	23 x 28,5	25
55501075	32 x 1,5	27,5	34,5	15,0	44,0	29 x 34,5	25
55501085	40 x 1,5	35,0	42,5	15,0	51,5	36 x 42,5	25
55501095	50 x 1,5	45,0	54,5	15,3	65,5	48 x 54,5	10
55500995	63 x 1,5	48,0	54,5	16,0	59,0	48 x 54,5	10

■ Comparable products

- SILVYN® KCLICK GPZ-M see page 784

SILVYN® KLIKK 90° M



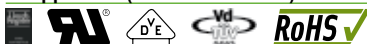
Benefits

- 90° elbow enables best assembling
- Fast mounting
- Easy unassembling
- Tensile strength
- Highly sealing

Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- For less space applications
- Swivelable applications

Approvals (Norm references)



- UL FILENUMBER E308201

Design

- Metric connection thread
- 90° elbow
- Body with inner sealing
- Upper part with snap-in sleeve

Note

- For swivelable applications unassemble upper part, remove sealing, assemble upper part

Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

Part number	Connection thread M	Hole-Ø mm	For flexible conduit outside Ø mm	Thread length D mm	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KLIKK-WM grey						
55501110	10 x 1,0	7.0	10.0	12.0	6,5 x 10	50
55501120	12 x 1,5	8.0	13.0	12.0	10 x 13	50
55501130	16 x 1,5/1	12.0	13.0	12.0	10 x 13	50
55501140	16 x 1,5/2	12.0	15.8	12.0	12 x 15,8	50
55501150	20 x 1,5/1	15,5	15.8	13.0	12 x 15,8	50
55501160	20 x 1,5/2	15,5	21.2	13.0	16,5 x 21,2	50
55501170	25 x 1,5/1	18.0	21.2	13.0	16,5 x 21,2	50
55501180	25 x 1,5/2	18.0	28.5	13.0	23 x 28,5	25
55501190	32 x 1,5/1	24.0	28.5	15.0	23 x 28,5	25
55501200	32 x 1,5/2	24.0	34.5	15.0	29 x 34,5	10
55501210	40 x 1,5/1	32.0	34.5	15.0	29 x 34,5	10
55501220	40 x 1,5/2	32.0	42.5	15.0	36 x 42,5	10
55501230	50 x 1,5/1	39.0	42.5	16.0	36 x 42,5	10
55501240	50 x 1,5/2	39.0	54.5	16.0	48 x 54,5	5
55501250	63 x 1,5	53.0	54.5	16.0	48 x 54,5	5
SILVYN® KLIKK-WM black						
55501115	10 x 1,0	7.0	10.0	12.0	6,5 x 10	50
55501125	12 x 1,5	8.0	13.0	12.0	10 x 13	50
55501135	16 x 1,5/1	12.0	13.0	12.0	10 x 13	50
55501145	16 x 1,5/2	12.0	15.8	12.0	12 x 15,8	50
55501155	20 x 1,5/1	15,5	15.8	13.0	12 x 15,8	50
55501165	20 x 1,5/2	15,5	21.2	13.0	16,5 x 21,2	50
55501175	25 x 1,5/1	18.0	21.2	13.0		50
55501185	25 x 1,5/2	18.0	28.5	13.0	23 x 28,5	25
55501195	32 x 1,5/1	24.0	28.5	15.0	23 x 28,5	25
55501205	32 x 1,5/2	24.0	34.5	15.0	29 x 34,5	10
55501215	40 x 1,5/1	32.0	34.5	15.0	29 x 34,5	10
55501225	40 x 1,5/2	32.0	42.5	15.0	36 x 42,5	10
55501235	50 x 1,5/1	39.0	42.5	16.0	36 x 42,5	10
55501245	50 x 1,5/2	39.0	54.5	16.0	48 x 54,5	5
55501255	63 x 1,5	53.0	54.5	16.0	48 x 54,5	5

Comparable products

- SILVYN® KF-M

SILVYN® KCLICK GPZ-M



■ Benefits

- Fast mounting
- Easy unassembling
- Additional cable strain relief
- Additional cable sealing

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Robot building
- Everywhere where cables and wires need to be additionally sealed and strain relieved

■ Approvals (Norm references)



- UL FILENUMBER E308201

■ Design

- Metrical connection thread
- Cable gland
- Body with inner sealing
- Upper part with snap-in sleeve

■ Note

- For swivelable applications unassemble upper part, remove sealing, assemble upper part

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data



Colour delivered

Grey
Black, UV-resistant



Material

PA 6



Degree of protection

IP 68
IP 69K according DIN 40050 T.9

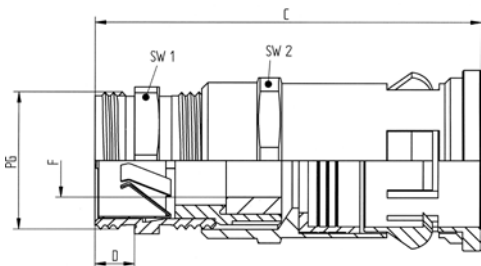


Range of temperature

-30°C up to +100°C

Part number	Article designation	Hole-Ø mm	Clamping range mm	Thread length D mm	SW mm	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK, GPZ-M grey							
55500800	12 x 1,5	7.0	4.0 - 6.5	8.0	16.0	7	20
55500810	16 x 1,5	8.0	5.0 - 9.5	8.0	18.0	9	20
55500820	20 x 1,5	10.0	8.0 - 12.0	8.0	21.0	11	20
55500830	25 x 1,5	12.0	11.0 - 16.0	8.0	27.0	16	10
55500840	32 x 1,5	18.0	15.0 - 21.0	11.0	34.0	21	10
55500850	40 x 1,5	25.0	16.0 - 26.0	12.0	40.0	29	10
55500860	50 x 1,5	32.0	27.0 - 35.0	13.0	49.0	36	10
55500870	63 x 1,5	44.0	32.0 - 42.0	14.0	60.0	48	10
SILVYN® KCLICK, GPZ-M black							
55500805	12 x 1,5	7.0	4.0 - 6.5	8.0	16.0	7	20
55500815	16 x 1,5	8.0	5.0 - 9.5	8.0	18.0	9	20
55500825	20 x 1,5	10.0	8.0 - 12.0	8.0	21.0	11	20
55500835	25 x 1,5	12.0	11.0 - 16.0	8.0	27.0	16	10
55500845	32 x 1,5	18.0	15.0 - 21.0	11.0	34.0	21	10
55500855	40 x 1,5	25.0	16.0 - 26.0	12.0	40.0	29	10
55500865	50 x 1,5	32.0	27.0 - 35.0	13.0	49.0	36	10
55500875	63 x 1,5	44.0	32.0 - 42.0	14.0	60.0	48	10

SILVYN® KSE



SILVYN® KSE

■ Benefits

- Fast mounting
- Additional cable strain relief
- Additional cable sealing
- Optimal screen connection (EMC)

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Everywhere where screened cables and wires need to be additionally protected

■ Approvals (Norm references)



■ Design

- Metric connection thread
- EMC cable gland
- Body with inner sealing
- Upper part with snap-in sleeve

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data

RAL	Colour delivered Black, RAL 9005, UV-resistant
Material	Polyamide Nickel plated brass
IP	Degree of protection IP 68
Range of temperature	-30 °C up to +100 °C

Part number	PG size	For flexible conduit outside Ø mm	Clamping range mm	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KSE								
55001200	9	13.0	4.0 - 8.0	57.0	12.0	17 / 22	9	20
55001210	11	15.8	6.5 - 10.0	62.0	12.0	20 / 25	11	20
55001230	16	21.2	10.0 - 14.0	70.0	12.0	24 / 31	16	10
55001240	21	28.5	14.0 - 17.5	75.0	12.0	30 / 39	21	10

■ Comparable products

- SILVYN® MSK-M EE see page 772
- SILVYN® MSK-M US see page 816
- SILVYN® KSE-M see page 806

■ Accessories

- SKINDICHT® SM-PE see page 735

SILVYN® KCLICK-GP



■ Benefits

- Fast mounting
- Easy unassembling
- Tensile strength
- Highly sealing
- Swivelable

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Robot building
- Swivelable applications

■ Approvals (Norm references)



- UL FILENUMBER E308201

■ Design

- PG connection thread
- Body with inner sealing
- Upper part with snap-in sleeve

■ Note

- For swivelable applications unassemble upper part, remove sealing, assemble upper part

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data



Colour delivered

Grey
Black, UV-resistant



Material

PA 6



Degree of protection

IP 68
IP 69K according DIN 40050 T.9



Range of temperature

-30 °C up to +100 °C

Part number	Article designation	Suitable for SILVYN® RILL	For flexible conduit outside Ø mm	Wrench size mm	Thread length mm	Hole mm	Pieces / PU
SILVYN® KCLICK-GP grey							
61800860	7	7	10	15.5	10	7	50
61800870	9	9	13	18.0	10	10	50
61800880	11	11	15.8	21.0	10	12,5	50
61800850	13,5	13,5	18.2	24.0	11	13,5	50
61800890	16	16	21.2	27.0	12	17	50
61800900	21	21	28.5	34.0	12	23,5	25
61800910	29	29	34.5	40.0	12	30,5	25
61800920	36	36	42.5	49.0	12	36,5	25
61800930	48	48	54.5	60.0	15	48,5	10
SILVYN® KCLICK-GP black							
61800865	7	7	10	15.5	10	7	50
61800875	9	9	13	18.0	10	10	50
61800885	11	11	15.8	21.0	10	12,5	50
61800855	13,5	13,5	18.2	24.0	11	13,5	50
61800895	16	16	21.2	27.0	12	17	50
61800905	21	21	28.5	34.0	12	23,5	25
61800915	29	29	34.5	40.0	12	30,5	25
61800925	36	36	42.5	49.0	12	36,5	25
61800935	48	48	54.5	60.0	15	48,5	10

Benefits

- Fast mounting
- Easy unassembling
- Additional cable strain relief
- Additional cable sealing

Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Robot building
- Everywhere where cables and wires need to be additionally sealed and strain relieved

Approvals (Norm references)



- UL FILENUMBER E308201

Design

- PG connection thread
- Cable gland
- Body with inner sealing
- Upper part with snap-in sleeve

Note

- For swivelable applications unassemble upper part, remove sealing, assemble upper part

Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

Technical data

RAL	Colour delivered
	Grey
	Black, UV-resistant
Material	
	PA 6
IP	Degree of protection
	IP 68
	IP 69K according DIN 40050 T.9
Range of temperature	
	-30 °C up to +100 °C

SILVYN® KCLICK-GPZ



Part number	Article designation	Suitable for SIL-VYN® RILL	For flexible conduit outside Ø mm	Wrench size mm	Clamping range mm	Thread length mm	Min. IØ in mm	Pieces / PU
SILVYN® KCLICK-GPZ grey								
61801120	7	7	10	16.0	3 - 6.5	8	7.0	20
61801130	9	9	13	18.0	4 - 8	8	8.0	20
61801140	11	11	15.8	21.0	5 - 10	8	10.0	20
61801200	13,5/1	11	15.8	27.0	6 - 12	8	12.0	20
61801202	13,5/2	13,5	18.5	27.0	6 - 12	8	12.0	20
61801150	16	16	21.2	27.0	10 - 14	10	14.0	10
61801160	21	21	28.5	34.0	13 - 18	11	18.0	10
61801170	29	29	34.5	40.0	18 - 25	12	25.0	10
61801180	36	36	42.5	49.0	22 - 32	13	32.0	10
61801190	48	48	54.5	60.0	34 - 44	14	44.0	10
SILVYN® KCLICK-GPZ black								
61801125	7	7	10	16.0	3 - 6.5	8	7.0	20
61801135	9	9	13	18.0	4 - 8	8	8.0	20
61801145	11	11	15.8	21.0	5 - 10	8	10.0	20
61801205	13,5/2	13,5	18.5	27.0	6 - 12	8	12.0	20
61801155	16	16	21.2	27.0	10 - 14	10	14.0	10
61801165	21	21	28.5	34.0	13 - 18	11	18.0	10
61801175	29	29	34.5	40.0	18 - 25	12	25.0	10
61801185	36	36	42.5	49.0	22 - 32	13	32.0	10
61801195	48	48	54.5	60.0	34 - 44	14	44.0	10

SILVYN® KLIKK 90° PG



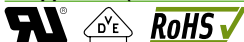
■ Benefits

- 90° elbow enables best assembling
- Fast mounting
- Easy unassembling
- Tensile strength
- Highly sealing

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- For less space applications
- Swivelable applications

■ Approvals (Norm references)



- UL FILENUMBER E308201

■ Design

- PG connection thread
- 90° elbow
- Body with inner sealing
- Upper part with snap-in sleeve

■ Note

- For swivelable applications unassemble upper part, remove sealing, assemble upper part

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data

RAL	Colour delivered
	Grey
	Black, UV-resistant
Material	PA
IP	Degree of protection
	IP 68
	IP 69K according DIN 40050 T.9
Range of temperature	-30 °C up to +100 °C

Part number	Article designation	Suitable for SILVYN® RILL	For flexible conduit outside Ø mm	Thread length mm	Clear opening mm	Pieces / PU
SILVYN® KLIKK-WP grey						
61801020	9	9	13	10	12.0	50
61801030	11	11	15.8	10	15.5	50
56000100	13,5	13,5	18.5	11	13.5	50
61801040	16	16	21.2	12	18.0	50
61801050	21	21	28.5	12	24.0	25
61801060	29	29	34.5	12	32.0	10
61801061	36	36	42.5	14	36.5	10
61801062	48	48	54.5	14	48.5	5
SILVYN® KLIKK-WP black						
61801025	9	9	13	10	12.0	50
61801035	11	11	15.8	10	15.5	50
56000105	13,5	13,5	18.5	11	13.5	50
61801045	16	16	21.2	12	18.0	50
61801055	21	21	28.5	12	24.0	25
61801065	48	48	54.5	14	48.5	5

SILVYN® KCLICK-Y (TPE) / SILVYN® KCLICK-Y



SILVYN® KCLICK-Y (TPE)



SILVYN® KCLICK-Y

■ Benefits

SILVYN® KCLICK-Y

- Fast mounting
- Easy unassembling
- Tensile strength
- Easy combination from different conduit sizes

SILVYN® KCLICK-Y (TPE)

- Easy assembly
- Enhanced temperature resistance

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Y-distributor for SILVYN® RILL conduits

■ Approvals (Norm references)



SILVYN® KCLICK-Y

- UL FILENUMBER E308201

■ Design

SILVYN® KCLICK-Y

- 3 x conduit connection
- 2 x bore hole for fixation with M5 screws

SILVYN® KCLICK-Y (TPE)

- 3 x conduit connection
- 1 x bore hole for fixation with M4 screws

■ Note

SILVYN® KCLICK-Y (TPE)

- For RAL 9005 black, replace the last digit of the part no. by "5".

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data



On request

SILVYN® KCLICK-Y

More sizes / combinations



Colour delivered

Grey
Black, UV-resistant



Material

SILVYN® KCLICK-Y

PA 6

SILVYN® KCLICK-Y (TPE)

TPE



Degree of protection

SILVYN® KCLICK-Y

IP 68

IP 69K according DIN 40050 T.9

SILVYN® KCLICK-Y (TPE)

IP 66



Range of temperature

-30 °C up to +100 °C

Part number	Article designation	Suitable for SILVYN® RILL	For flexible conduit outside Ø mm	Pieces / PU
SILVYN® KCLICK-Y grey				
61801090	2 x 7 / 1 x 9	7/9	10 / 13	10
61801100	3 x 9	9	13	10
61801110	2 x 9 / 1 x 11	9/11	13 / 15.8	10
56000130	3 x 11	11	15.8	10
SILVYN® KCLICK-Y black				
61801095	2 x 7 / 1 x 9	7/9	10 / 13	10
61801105	3 x 9	9	13	10
61801115	2 x 9 / 1 x 11	9/11	13 / 15.8	10
56000135	3 x 11	11	15.8	10
SILVYN® KCLICK-Y (TPE) grey				
56000120	3 x 7	7	10	10
56000140	2 x 11 / 1 x 16	11/16	13 / 21.2	10
56000150	2 x 16 / 1 x 21	16/21	21.2 / 28.5	10
56000160	2 x 21 / 1 x 29	21/29	28.5 / 34.5	10
SILVYN® KCLICK-Y (TPE) bk				
56000125	3 x 7	7	10	10
56000145	2 x 11 / 1 x 16	11/16	13 / 21.2	10
56000155	2 x 16 / 1 x 21	16/21	21.2 / 28.5	10
56000165	2 x 21 / 1 x 29	21/29	28.5 / 34.5	10

SILVYN® KLICK-S / SILVYN® KLICK-D / SILVYN® KLICK-V



SILVYN® KLICK-S



SILVYN® KLICK-D



SILVYN® KLICK-V

■ Benefits

SILVYN® KLICK-S

- Fast mounting
- Easy unassembling
- Strain relief proofed connection
- No sag of the conduit

SILVYN® KLICK-D

- Ensures that the conduit stays fixed in the conduit holder

SILVYN® KLICK-V

- Connects further conduit holders on another

■ Application range

SILVYN® KLICK-S

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Fixing of conduits on machine walls for all applications

SILVYN® KLICK-D

- In combination with
- SILVYN® KLICK S
- Cover for conduit holder SILVYN® KLICK S

SILVYN® KLICK-V

- In combination with
- SILVYN® KLICK S

■ Product features

SILVYN® KLICK-S

- Impact resistant polyamide

SILVYN® KLICK-D

- Accurately fitting to the construction of the conduit holder

SILVYN® KLICK-V

- Accurately fitting to the construction of the conduit holder

■ Approvals (Norm references)



■ Design

SILVYN® KLICK-S

- Multi-part conduit holder with M5 borehole for fixation

SILVYN® KLICK-D

- Cover with connection pins

SILVYN® KLICK-V

- Connection pin

■ Note

- For RAL 9005 black, replace the last digit of the part no. by "5".

■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data

**Colour delivered**

- Grey
- Black, UV-resistant

**Material**

- PA 6

**Range of temperature**

- 30°C bis + 70°C

Part number	PG size	Pieces / PU
SILVYN® KLICK-S grey		
61811110	7	100
61811120	9	100
61811130	11	50
61811190	13.5	50
61811140	16	50
61811150	21	50
61811160	29	30
61811170	36	20
61811180	48	20
SILVYN® KLICK-D grey		
61811200	11	100
61811260	13.5	50
61811210	16	50
61811220	21	50
61811230	29	30
61811240	36	20
61811250	48	20
SILVYN® KLICK-V grey		
61811270		100

■ Accessories

SILVYN® KLICK-D

- SILVYN® KLICK-S see page 790

SILVYN® KLICK-V

- SILVYN® KLICK-S see page 790

SILVYN® KLIICK-RH



SILVYN® KLIICK-RH

Benefits

- Fast mounting
- Easy unassembling
- Strain relief proofed connection
- No sag of the conduit
- No losable parts

Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Fixing of conduits on machine walls for all applications

Product features

- Impact resistant polyamide

- One piece conduit holder
- Adapted for assembling on a C profile rail
- Stackable

Approvals (Norm references)



- UL FILENUMBER E308201

Design

- One piece conduit holder with M4 borehole for fixation

Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

Technical data

RAL	Colour delivered
	Grey
	Black, UV-resistant
	Material
	PA 6
	Range of temperature
	-30°C up to +100°C

Part number	PG size	Pieces / PU
SILVYN® KLIICK-RH grey		
65500300	7	50
65500310	9	50
65500320	11	50
65500330	13.5	50
65500340	16	50
65500350	21	25
65500360	29	25
65500370	36	25
65500380	48	10
SILVYN® KLIICK-RH black		
65500305	7	50
65500315	9	50
65500325	11	50
65500335	13.5	50
65500345	16	50
65500355	21	25
65500365	29	25
65500375	36	25
65500385	48	10

SILVYN® K-EM



■ Benefits

- Easy assembly
- Enhanced temperature resistance
- Avoid cable damages
- Additional sealing

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Intersection or end sleeve

■ Approvals (Norm references)



■ Suitable conduits

- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA 12 page 781

■ Technical data

RAL	Colour delivered
	Grey
	Black, UV-resistant
	Material
	TPE-V
IP	Degree of protection
	IP 67
	Range of temperature
	-40°C up to +120°C

Part number	Article designation	For flexible conduit outside Ø mm	Cable Ø in mm	Overall length in mm	Pieces / PU
SILVYN® K-EM grey					
65500200	7	10	1.0 - 8.0	29.0	50
65500210	9	13	1.0 - 10.0	32.5	50
65500220	11	15.8	4.0 - 12.0	36.5	50
65500230	16	21.2	6.0 - 16.5	37.5	50
65500240	21	28.5	6.0 - 23.0	40.2	25
65500250	29	34.5	6.0 - 29.0	44.2	25
65500260	36	42.5	10.0 - 37.0	46.0	25
65500270	48	54.5	10.0 - 47.0	52.0	10
SILVYN® K-EM black					
65500205	7	10	1.0 - 8.0	29.0	50
65500215	9	13	1.0 - 10.0	32.5	50
65500225	11	15.8	4.0 - 12.0	36.5	50
65500235	16	21.2	6.0 - 16.5	37.5	50
65500245	21	28.5	6.0 - 23.0	40.2	25
65500255	29	34.5	6.0 - 29.0	44.2	25
65500265	36	42.5	10.0 - 37.0	46.0	25
65500275	48	54.5	10.0 - 47.0	52.0	10

SILVYN® HCC



SILVYN® HCC

■ Benefits

- Dimensionally stable
- Flexible
- Slim weight
- Compression resistant

- Halogen and cadmium-free
- Abrasion resistant
- Increased resistance against oil, petrol, acids and other chemicals

■ Approvals (Norm references)



■ Design

- Fine profil corrugated polyamide 6 conduit

■ Note

- UV resistant and weather proof

■ Application range

- Mechanical engineering
- Apparatus construction
- Building Automation
- Flexible application
- Outdoors application

■ Product features

- Totally metric constructed conduit

■ Technical data

	Colour delivered
	Black, RAL 9005, UV-resistant
	Material
	PA 6
	Halogen-free
	Range of temperature
	-25 °C up to +100 °C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® HG-M	Suitable for SILVYN® HW-M	PU ring in m
SILVYN® HCC							
61793970	12	9.4 x 13.0	25	9.4	12	12	50
61793980	16	11.6 x 16.0	30	11.6	16	16	50
61793990	20	14.6 x 20.0	40	14.6	20	20	50
61794000	25	18.7 x 25.0	50	18.7	25	25	50
61794010	32	25.6 x 32.0	65	25.6	32	32	25
61794020	40	33.1 x 40.0	85	33.1	40	-	25
61794030	50	42.7 x 50.0	110	42.7	50	-	25
61794035	63	54.6 x 63.0	130	54.6	63	-	25

■ Accessories

- SILVYN® HG-M see page 794
- SILVYN® HW-M see page 794
- SILVYN® HG see page 795
- SILVYN® DUO-M, DUO see page 796
- SILVYN® SCLX see page 797

SILVYN® HG-M / SILVYN® HW-M



SILVYN® HG-M



SILVYN® HW-M

■ Benefits

SILVYN® HG-M

- Easy unassembling
- Tensile strength
- Sealing

SILVYN® HW-M

- 90° elbow enables best assembling
- Easy unassembling
- Tensile strength
- Sealing

■ Application range

SILVYN® HG-M

- In combination with protective conduit
- SILVYN® HCC

SILVYN® HW-M

- In combination with protective conduit
- SILVYN® HCC
- For less space applications

■ Approvals (Norm references)



■ Design

SILVYN® HG-M

- Metric connection thread
- Body with inner sealing and clamping ring
- Cap nut

SILVYN® HW-M

- Metric connection thread
- 90° elbow
- Body with inner sealing and clamping ring
- Cap nut

■ Note

- UV resistant and weather proof

■ Suitable conduits

- SILVYN® HCC page 793

■ Technical data

RAL	Colour delivered Black, RAL 9005, UV-resistant
Material	PA 6
IP	Degree of protection IP 65
0+1	Range of temperature -25°C up to +100°C

Part number	Article designation	Overall length C mm	Thread length D mm	Suitable for SILVYN® HCC	Pieces / PU
SILVYN® HG-M					
55501600	12 x 1,5	26.3	8.0	12	100
55501610	16 x 1,5	29.4	12.5	16	100
55501620	20 x 1,5	36.0	12.0	20	50
55501630	25 x 1,5	45.4	15.0	25	50
55501640	32 x 1,5	47.0	15.0	32	30
55501650	40 x 1,5	53.0	15.0	40	20
55501660	50 x 1,5	57.4	15.0	50	16
55501670	63 x 1,5	74.0	20.0	63	8
SILVYN® HW-M					
55501680	12 x 1,5		8.0	12	50
55501690	16 x 1,5		10.5	16	20
55501700	20 x 1,5		12.0	20	20
55501710	25 x 1,5		15.0	25	10
55501720	32 x 1,5		15.0	32	10

SILVYN® HF / SILVYN® HW / SILVYN® HG



SILVYN® HW

SILVYN® HG

■ Benefits

SILVYN® HG

- Easy unassembling
- Tensile strength
- Sealing

SILVYN® HW

- 90° elbow enables best assembling
- Easy unassembling
- Tensile strength
- Sealing

■ Application range

SILVYN® HG

- In combination with protective conduit
- SILVYN® HCC

SILVYN® HW

- In combination with protective conduit
- SILVYN® HCC
- For less space applications

■ Approvals (Norm references)



■ Design

SILVYN® HG

- PG connection thread
- Body with inner sealing and clamping ring
- Cap nut

■ Note

- UV resistant and weather proof

■ Design

SILVYN® HW

- PG connection thread
- 90° elbow
- Body with inner sealing and clamping ring
- Cap nut

■ Suitable conduits

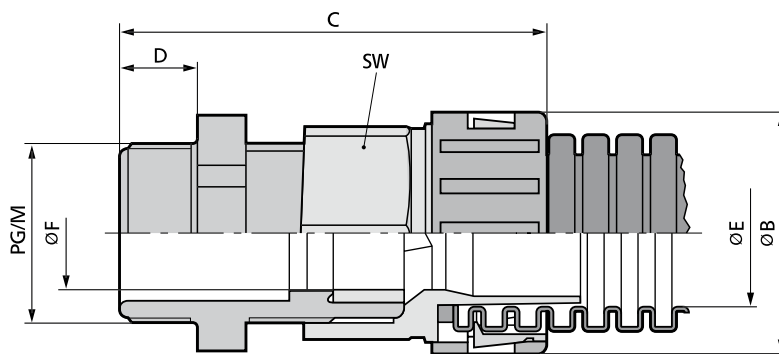
- SILVYN® HCC page 793

■ Technical data

RAL	Colour delivered Black, RAL 9005, UV-resistant
Material	PA 6
IP	Degree of protection IP 65
0-100°C	Range of temperature -40°C up to +100°C

Part number	PG size	Overall length C mm	Thread length D mm	Suitable for SILVYN® HCC	Pieces / PU
SILVYN® HG					
61794039	HG 7	26.0	8.0	12	100
61794040	HG 9	26.0	8.0	12	50
61794050	HG 11	29.0	10.0	16	100
61794060	HG 13,5	36.0	12.0	20	50
61794070	HG 16	45.0	14.0	25	50
61794080	HG 21	47.0	15.0	32	30
61794090	HG 29	53.0	15.0	40	20
61794100	HG 36	57.0	15.0	50	16
61794105	HG 48	74.0	20.0	63	8
SILVYN® HW					
61794109	HW 7	36.0	8.0	12	50
61794110	HW 9	36.0	8.0	12	50
61794120	HW 11	43.0	10.0	16	20
61794130	HW 13,5	51.0	12.0	20	20
61794140	HW 16	64.0	14.0	25	10
61794150	HW 21	75.0	15.0	32	10

SILVYN® DUO-M



SILVYN® DUO-M

■ Benefits

- Easy unassembling
- Additional cable strain relief
- Additional cable sealing

■ Application range

- In combination with protective conduit
- SILVYN® HCC

■ Approvals (Norm references)



■ Design

- Metrical connection thread
- Cable gland
- Body with inner sealing and clamping ring
- Upper part with snap-in sleeve

■ Note

- UV resistant and weather proof

■ Suitable conduits

- SILVYN® HCC page 793

■ Technical data

	On request
	Grey
	Colour delivered
	Black, RAL 9005, UV-resistant
	Material
	PA 6
	Degree of protection
	IP 68

Part number	PG size	Clamping range mm	SW mm	Overall length C mm	Thread length D mm	Suitable for SILVYN® HCC	Pieces / PU
SILVYN® DUO-M							
61809310	16 x 1,5	3.5 - 8.0	19	49.8	12.0	16	50
61809320	20 x 1,5	5.0 - 12.0	24	53.6	13.0	20	50
61809330	25 x 1,5	9.0 - 14.0	27	59.1	13.0	25	50

Benefits

- Fast mounting
- Easy unassembling
- Strain relief proofed connection
- No sag of the conduit

Application range

- In combination with protective conduit
- SILVYN® HCC
- Fixing of conduits on machine walls for all applications

Approvals (Norm references)



Design

- Multi-part conduit holder with M5 borehole for fixation
- Cover with connection snap system

Note

- UV resistant and weather proof

Suitable conduits

- SILVYN® HCC page 793

Technical data

RAL	Colour delivered Black, RAL 9005, UV-resistant
	Material PA 6
	Range of temperature -30°C bis + 70°C

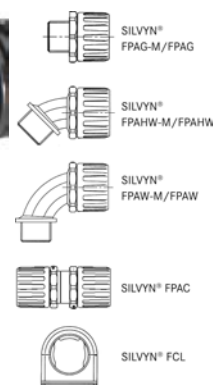
SILVYN® SCLX



Part number	Article designation	Pieces / PU
SILVYN® SCLX holder		
61814000	16	100
61814010	20	100
61814020	25	100
61814030	32	50
61814040	40	50
61814050	50	50
SILVYN® SCLX clamp		
61814070	16	100
61814080	20	100
61814090	25	100
61814100	32	100
61814110	40	100
61814120	50	100

New

SILVYN® FPAS



SILVYN® FPAS

■ Benefits

- Dimensionally stable
- Flexible 24 mm
- Flame retardant and self-extinguishing in accordance with UL94 V2
- High compression resistant
- Impact resistant

■ Application range

- Mechanical engineering
- Plant engineering
- Railway applications / vehicle construction
- Flexible application
- Outdoors application

■ Product features

- Halogen and cadmium-free
- Abrasion resistant
- Increased resistance against oil, petrol, acids and other chemicals

■ Approvals (Norm references)



- UNDERGROUND

■ Design

- Fine profil corrugated polyamide 6 conduit

■ Note

- UV resistant and weather proof

■ Technical data



Colour delivered
Black, UV-resistant
grey, RAL 7031



Material
PA 6
Halogen-free



Range of temperature
-40°C up to +120°C static
-20°C up to +100°C dynamic

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	PU ring in m
SILVYN® FPAS black					
61754005	10	6.3 x 10.0	15	6.3	50
61754015	13	9.8 x 13.0	25	9.8	50
61754025	16	11.8 x 15.8	40	11.8	50
61754275	18	14.2 x 18.5	40	14.2	50
61754035	21	16.7 x 21.2	45	16.7	50
61754045	28	22.8 x 28.5	50	22.8	50
61754055	34	28.1 x 34.5	60	28.1	25
61754065	42	35.5 x 42.5	70	35.5	25
61754075	54	47.2 x 54.5	80	47.2	25
61754305	67	56.3 x 67.2	130	56.3	10

■ Accessories

- SILVYN® FPAG-M see page 799
- SILVYN® FPAX-M see page 800
- SILVYN® FPAHW-M see page 799
- SILVYN® FPAW-M see page 801
- SILVYN® KSE-M see page 806
- SILVYN® FPAG see page 804
- SILVYN® FPAW see page 804
- SILVYN® FCL see page 805
- SILVYN® FPAC see page 806
- SILVYN® FLEXILOK M see page 802
- SILVYN® FLEXILOK PG see page 802
- SILVYN® FLEXILOK 90° M see page 803
- SILVYN® FLEXILOK 90° PG see page 803

New

SILVYN® FPAG-M



SILVYN® FPAG-M

■ Benefits

SILVYN® FPAG-M

- Fast mounting
- Tensile strength
- Sealing
- Vibration protection

■ Application range

SILVYN® FPAG-M

- In combination with protective conduit
- SILVYN® FPAS
- Applications with strong vibrations

■ Product features

- Removeable by a screw driver

■ Approvals (Norm references)



- UNDERGROUND

■ Design

SILVYN® FPAG-M

- Metric connection thread
- Body
- Upper part with integrated all-round tooting

■ Suitable conduits

- SILVYN® FPAS page 798

■ Technical data



On request
SILVYN® FPAG-M
Available design
in IP 68



Colour delivered
Black, UV-resistant
grey, RAL 7031



Material
PA66
Halogen-free



Degree of protection
SILVYN® FPAG-M
IP 66
SILVYN® FPAHW-M
IP66



Range of temperature
-50 °C up to +135 °C

Part number	Article designation	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG-M grey			
55506305	M12x1,5	10	10
55506315	M16x1,5/1	13	10
55506325	M16x1,5/2	16	10
55506335	M20x1,5/1	16	10
55506345	M20x1,5/2	21	10
55507055	M20x1,5/3	18	10
55506355	M25x1,5	28	10
55506365	M32x1,5	34	10
55506375	M40x1,5	42	2
55506385	M50x1,5/1	42	2
55506395	M50x1,5/2	54	2
55506405	M63x1,5/1	54	2
55506475	M63x1,5/2	67	2
SILVYN® FPAG-M grey			
55506300	M12x1,5	10	10
55506310	M16x1,5/1	13	10
55506320	M16x1,5/2	16	10
55506330	M20x1,5/1	16	10
55506340	M20x1,5/2	21	10
55507050	M20x1,5/3	18	10
55506350	M25x1,5	28	10
55506360	M32x1,5	34	10
55506370	M40x1,5	42	2
55506380	M50x1,5/1	42	2
55506390	M50x1,5/2	54	2
55506400	M63x1,5/1	54	2
55506470	M63x1,5/2	67	2

New

SILVYN® FPAX-M



■ Benefits

- Fast mounting
- High tensile strength
- Water pressure-tight
- Vibration protection

■ Application range

- In combination with protective conduit
- SILVYN® FPAS
- Applications with strong vibrations

■ Product features

- Removeable by a screw driver
- UV and weather resistant in black

■ Approvals (Norm references)



- UNDERGROUND

■ Design

- Metric connection thread
- Body with inner sealing
- Upper part with integrated all-round teeth

■ Suitable conduits

- SILVYN® FPAS page 798



Info

- IP68
- IP69K

■ Technical data



On request

With PG thread



Colour delivered

Black, UV-resistant
grey, RAL 7031

Material

PA66
Halogen-free

Degree of protection

IP68
IP69K

Range of temperature

-40°C up to +135°C

Part number	Connection thread M	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAX-M black			
55506135	16 x 1,5	FPAS 13	10
55506145		FPAS 16	10
55506155	20 x 1,5	FPAS 16	10
55506165	20 x 1,5	FPAS 21	10
55506185	32 x 1,5	FPAS 34	10
55506195	40 x 1,5	FPAS 42	10
55506205	50 x 1,5	FPAS 42	10
55506215	50 x 1,5	FPAS 54	10
55506225	63 x 1,5	FPAS 67	10

New

SILVYN® FPAG 90°-M



Benefits

- 90° elbow enables best assembling
- Fast mounting
- Tensile strength
- Sealing
- Vibration protection

Application range

- In combination with protective conduit
- SILVYN® FPAS
- Applications with strong vibrations
- For less space applications

Product features

- Removeable by a screw driver

Approvals (Norm references)



- UNDERGROUND

Design

- Metrical connection thread
- 90° elbow
- Body
- Upper part with integrated all-round teeth

Note

- UV resistant and weather proof
- On request
- IP 68 (on request)

Suitable conduits

- SILVYN® FPAS page 798

Technical data

RAL	Colour delivered Black, UV-resistant grey RAL 7031
Material	PA66 Halogen-free
IP	Degree of protection IP66
Range of temperature	-50°C up to +135°C

Part number	Article designation	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG 90°-M black			
55506485	M12x1,5	10	10
55506495	M16x1,5/1	13	10
55506505	M16x1,5/2	16	10
55506515	M20x1,5/1	16	10
55506525	M20x1,5/2	21	10
55507075	M20x1,5/3	18	10
55506535	M25x1,5	28	10
55506545	M32x1,5	34	10
55507085	M40x1,5	42	10
55506555	M50x1,5/1	42	1
55506565	M50x1,5/2	54	1
55506575	M63x1,5/1	54	1
55507095	M63x1,5/2	67	1
SILVYN® FPAG 90°-M black			
55506480	M12x1,5	10	10
55506490	M16x1,5/1	13	10
55506500	M16x1,5/2	16	10
55506510	M20x1,5/1	16	10
55506520	M20x1,5/2	21	10
55507070	M20x1,5/3	18	10
55506530	M25x1,5	28	10
55506540	M32x1,5	34	10
55507080	M40x1,5	42	10
55506550	M50x1,5/1	42	1
55506560	M50x1,5/2	54	1
55506570	M63x1,5/1	54	1
55507090	M63x1,5/2	67	1

New

SILVYN® FLEXILOK M / SILVYN® FLEXILOK PG



Info

- Extremely economical

SILVYN® FLEXILOK M

■ Benefits

- Fast mounting
- Easy assembly
- Cost efficient conduit gland
- No losable parts
- New space-saving design

■ Application range

- Mechanic engineering
- Switch cabinet building
- Flexible application
- Applications with critical required space
- Building Installation

■ Product features

- UV resistant and weather proof
- One-piece slim design
- Oil and petrol resistant

- Halogen and cadmium-free

■ Approvals (Norm references)



■ Design

- Connection thread metric/PG
- One-piece body
- Special clamping system

■ Note

- Removeable by a screw driver

■ Suitable conduits

- SILVYN® FPAS page 798
- SILVYN® FPAS
- Corrugated plastic conduits

■ Technical data



On request
white



Colour delivered
Black, RAL 9005, UV-resistant
silver grey (RAL7031)



Material
PA66
Halogen-free



Degree of protection
IP 66



Range of temperature
-50°C up to +135°C

Part number	Connection thread M	Inner Ø in mm	Thread length D mm	Suitable for SILVYN® FPAS	Suitable for conduit OØ mm	Pieces / PU
SILVYN® FLEXILOK M straight						
65500405	16 x 1,5	12.0	12.0	FPAS 13	13,0 mm	50
65500425	16 x 1,5	12.0	12.0	FPAS 16	15,8 mm	50
65500415	20 x 1,5	14.0	14.0	FPAS 13	13,0 mm	50
65500435	20 x 1,5	14.0	14.0	FPAS 16	15,8 mm	50
65500445	20 x 1,5	14.0	14.0	FPAS 21	21,2 mm	50
65500455	25 x 1,5	20.0	15.0	FPAS 28	28,5 mm	50
65500465	32 x 1,5	27.0	16.0	FPAS 34	34,5 mm	50
SILVYN® FLEXILOK M straight						
65500600	16 x 1,5	12.0	12.0	FPAS 13	13,0 mm	50
65500420	16 x 1,5	12.0	12.0	FPAS 16	15,8 mm	50
65500410	20 x 1,5	14.0	14.0	FPAS 13	13,0 mm	50
65500430	20 x 1,5	14.0	14.0	FPAS 16	15,8 mm	50
65500440	20 x 1,5	14.0	14.0	FPAS 21	21,2 mm	50
65500610	25 x 1,5	20.0	15.0	FPAS 28	28,5 mm	50
65500460	32 x 1,5	27.0	16.0	FPAS 34	34,5 mm	50
SILVYN® FLEXILOK PG straight						
65500475	9.0	12.0	10.0	FPAS 13	13,0 mm	50
65500495	9.0	12.0	10.0	FPAS 16	15,8 mm	50
65500485	11.0	12.0	10.0	FPAS 13	13,0 mm	50
65500395	11.0	15.0	10.0	FPAS 16	15,8 mm	50
68100055	13,5	15.0	10.0	FPAS 16	15,8 mm	50
68100075	13,5	16.0	10.0	FPAS 21	21,2 mm	50
68100065	16.0	15.0	11.0	FPAS 16	15,8 mm	50
68100085	16.0	18.0	11.0	FPAS 21	21,2 mm	50
68100095	21.0	23.0	12.0	FPAS 28	28,5 mm	50
68880005	29.0	31.0	12.0	FPAS 34	34,5 mm	50
SILVYN® FLEXILOK PG straight						
65500470	9.0	12.0	10.0	FPAS 13	13,0 mm	50
65500490	9.0	12.0	10.0	FPAS 16	15,8 mm	50
65500480	11.0	12.0	10.0	FPAS 13	13,0 mm	50
65500390	11.0	15.0	10.0	FPAS 16	15,8 mm	50
68100050	13,5	15.0	10.0	FPAS 16	15,8 mm	50
68100070	13,5	16.0	10.0	FPAS 21	21,2 mm	50
68100060	16.0	15.0	11.0	FPAS 16	15,8 mm	50
68100080	16.0	18.0	11.0	FPAS 21	21,2 mm	50
68100090	21.0	23.0	12.0	FPAS 28	28,5 mm	50
65500620	29.0	31.0	12.0	FPAS 34	34,5 mm	50

New

SILVYN® FLEXILOK 90° PG / SILVYN® FLEXILOK 90° M


Info

- Extremely economical
- 90° elbow enables best assembling


Benefits

- Fast mounting
- Easy assembly
- Cost efficient conduit gland
- No to loose parts
- New space-saving design

Application range

- Mechanic engineering
- Switch cabinet building
- Flexible application
- Applications with critical required space
- Building Installation

Product features

- UV resistant and weather proof
- One-piece slim design
- Oil and petrol resistant

- Halogen and cadmium-free

Approvals (Norm references)

Design

- Connection thread metric/PG
- 90° elbow
- Special clamping system

Note

- Removeable by a screw driver

Suitable conduits

- SILVYN® FPAS page 798
- SILVYN® FPAS
- Corrugated plastic conduits

Technical data

- On request**
white, light grey (RAL7035)
- Colour delivered**
Black, RAL 9005, UV-resistant
silver grey (RAL7031)
- Material**
PA66
Halogen-free
- Degree of protection**
IP 66
- Range of temperature**
-50 °C up to +135 °C

Part number	Connection thread M	Inner Ø in mm	Thread length D mm	Suitable for SILVYN® FPAS	Suitable for conduit OØ mm	Pieces / PU
SILVYN® FLEXILOK M 90° black						
68100100	16 x 1,5	12,0	12,0	FPAS 16	13,0	50
68100105	20 x 1,5	14,0	14,0	FPAS 16	13,0	50
68100110	20 x 1,5	14,0	14,0	FPAS 21	21,2	50
68100115	25 x 1,5	20,0	15,0	FPAS 21	28,5	50
68100120	32 x 1,5	27,0	16,0	FPAS 21	28,5	50
SILVYN® FLEXILOK M 90° grey						
68100125	16 x 1,5	12,0	12,0	FPAS 16	13,0	50
68100130	20 x 1,5	14,0	14,0	FPAS 16	13,0	50
68100135	20 x 1,5	14,0	14,0	FPAS 21	21,2	50
68100140	25 x 1,5	20,0	15,0	FPAS 21	28,5	50
68100145	32 x 1,5	27,0	16,0	FPAS 21	28,5	50
SILVYN® FLEXILOK PG 90° black						
68100150	9,0	12,0	10,0	FPAS 16	15,8	50
68100155	11,0	12,0	10,0	FPAS 16	15,8	50
68100160	11,0	12,0	10,0	FPAS 16	15,8	50
68100170	13,5	15,0	10,0	FPAS 21	21,2	50
68100165	16,0	15,0	11,0	FPAS 16	15,8	50
68100175	16,0	18,0	11,0	FPAS 21	21,2	50
68100180	21,0	23,0	12,0	FPAS 28	28,5	50
68100185	29,0	31,0	12,0	FPAS 34	34,5	50
SILVYN® FLEXILOK PG 90° grey						
68100190	9,0	12,0	10,0	FPAS 16	15,8	50
68100195	11,0	12,0	10,0	FPAS 16	15,8	50
68100200	11,0	12,0	10,0	FPAS 16	15,8	50
68100210	13,5	15,0	10,0	FPAS 21	21,2	50
68100205	16,0	15,0	11,0	FPAS 16	15,8	50
68100215	16,0	18,0	11,0	FPAS 21	21,2	50
68100220	21,0	23,0	12,0	FPAS 28	28,5	50
68100225	29,0	31,0	12,0	FPAS 34	34,5	50

New

SILVYN® FPAG / SILVYN® FPA 90°



SILVYN® FPAG

■ Benefits

SILVYN® FPAG

- Fast mounting
- Tensile strength
- Sealing
- Vibration protection

SILVYN® FPA 90°

- 90° elbow enables best assembling
- Fast mounting
- Tensile strength
- Sealing
- Vibration protection

■ Application range

SILVYN® FPAG

- In combination with protective conduit
- SILVYN® FPAS
- Applications with strong vibrations

SILVYN® FPA 90°

- In combination with protective conduit
- SILVYN® FPAS
- Applications with strong vibrations
- For less space applications

■ Product features

- Removeable by a screw driver

SILVYN® FPAW

■ Approvals (Norm references)



- UNDERGROUND

■ Design

SILVYN® FPAG

- PG connection thread
- Body
- Upper part with integrated all-round toothing

SILVYN® FPA 90°

- PG connection thread
- 90° elbow
- Body
- Upper part with integrated all-round teeth

■ Note

- UV resistant and weather proof
- On request
- IP 68 (on request)

■ Suitable conduits

- SILVYN® FPAS page 798

■ Technical data



On request

Available design
in IP 68



Colour delivered

Black, UV-resistant
grey, RAL 7031



Material

PA66
Halogen-free



Degree of protection

IP 66



Range of temperature

-50°C up to +135°C

Part number	Article designation	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG black			
55506585	PG 7	10	10
55506595	PG 9/1	10	10
55506605	PG 9/2	13	10
55506615	PG 9/3	16	10
55506625	PG 11	16	10
55506635	PG 13,5/1	16	10
55506645	PG 13,5/2	18	10
55506995	PG 13,5/3	21	10
55506655	PG 16	21	10
55506665	PG 21	28	10
55506675	PG 29	34	10
55506685	PG 36	42	2
55506695	PG 48/1	54	2
55506705	PG 48/2	67	2
SILVYN® FPAG grey			
55506580	PG 7	10	10
55506590	PG 9/1	10	10
55506600	PG 9/2	13	10
55506610	PG 9/3	16	10
55506620	PG 11	16	10
55506630	PG 13,5/1	16	10
55506640	PG 13,5/2	18	10
55506990	PG 13,5/3	21	10
55506650	PG 16	21	10
55506660	PG 21	28	10
55506670	PG 29	34	10
55506680	PG 36	42	2
55506690	PG 48/1	54	2
55506700	PG 48/2	67	2

Part number	Article designation	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPA 90° black			
55506715	PG 7	10	10
55506725	PG 9	13	10
55506735	PG 11	16	10
55506745	PG 13,5/1	16	10
55506755	PG 13,5/2	18	10
55506815	PG 13,5/3	21	10
55506765	PG 16	21	10
55506775	PG 21	28	10
55506785	PG 29	34	10
55506795	PG 36	42	1
55506805	PG 48/1	54	1
55506825	PG 48/2	67	1
SILVYN® FPA 90° PG grey			
55506710	PG 7	10	10
55506720	PG 9	13	10
55506730	PG 11	16	10
55506740	PG 13,5/1	16	10
55506750	PG 13,5/2	18	10
55506810	PG 13,5/3	21	10
55506760	PG 16	21	10
55506770	PG 21	28	10
55506780	PG 29	34	10
55506790	PG 36	42	1
55506800	PG 48/1	54	1
55506820	PG 48/2	67	1

New
SILVYN® FCL

Benefits

- Fast mounting
- Easy unassembling
- No sag of the conduit
- No losable parts

Application range

- In combination with protective conduit
- SILVYN® FPAS
- Fixing of conduits on machine walls for all applications

Product features

- Removeable by a screw driver
- One piece conduit holder

Approvals (Norm references)



Design

- One piece conduit holder with borehole for fixation

Note

- UV resistant and weather proof

Suitable conduits

- SILVYN® FPAS page 798

Technical data

- RAL** Colour delivered
Black, UV-resistant
grey, RAL 7031
- Material**
PA66
Halogen-free
- Range of temperature**
-50°C up to +135°C



Part number	Article designation	Hole-Ø mm	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FCL black				
55506905	10	5.0	10	10
55506915	13	5.0	13	10
55506925	16	5.0	16	10
55506985	18	6.0	18	10
55506935	21	6.0	21	10
55506945	28	6.0	28	10
55506955	34	6.0	34	10
55506965	42	6.0	42	5
55506975	54	6.0	54	5
SILVYN® FCL grey				
55506900	10	5.0	10	10
55506910	13	5.0	13	10
55506920	16	5.0	16	10
55506980	18	6.0	18	10
55506930	28	6.0	21	10
55506940	34	6.0	28	10
55506950	21	6.0	34	10
55506960	42	6.0	42	5
55506970	54	6.0	54	5

New

SILVYN® FPAC



■ Benefits

- Fast mounting
- Strain relief proofed connection
- Optimal extension of parallel corrugated conduits

■ Application range

- In combination with protective conduit
- SILVYN® FPAS
- Conduit coupler for extension

■ Product features

- Removeable by a screw driver

■ Approvals (Norm references)



■ Note

- UV resistant and weather proof

■ Suitable conduits

- SILVYN® FPAS page 798

■ Technical data



Colour delivered
Black, UV-resistant
grey, RAL 7031



Material
PA66
Halogen-free



Range of temperature
-50°C up to +135°C

Part number	Article designation	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAC black			
55507005	16	16	5
55507015	21	21	5
55507025	28	28	5
55507035	34	34	5
SILVYN® FPAC grey			
55507000	16	16	5
55507010	21	21	5
55507020	28	28	5
55507030	34	34	5

SILVYN® KSE-M



■ Benefits

- Fast mounting
- Vibration protection
- Additional cable strain relief
- Additional cable sealing
- Optimal screen connection (EMC)

■ Application range

- In combination with protective conduit
- SILVYN® FPAS
- Everywhere where screened cables and wires need to be additionally protected

■ Product features

- Removeable by a screw driver

■ Approvals (Norm references)



■ Design

- Metrical connection thread
- EMC cable gland
- Body
- Upper part with integrated all-round teeth

■ Suitable conduits

- SILVYN® FPAS page 798

■ Technical data



Colour delivered
Black, RAL 9005, UV-resistant



Material
Nickel plated brass
PA66
Silicon free
Halogen-free



Degree of protection
Conduit: IP66
Cable: IP68



Range of temperature
-30°C up to +100°C

Part number	Connection thread M	Clamping range mm	Thread length D mm	Suitable for SILVYN® FPAS	For flexible conduit outside Ø mm	Pieces / PU
SILVYN® KSE-M black						
55507105	16x1,5/1	4.5 - 9.0	12.0	13	13,0 mm	10
55507115	16x1,5/2	4.5 - 9.0	12.0	16	15,8	10
55507125	20x1,5/1	7.0 - 12.5	12.0	16	15,8	10
55507135	20x1,5/2	7.0 - 12.5	12.0	21	21,2	10
55507145	25x1,5	9.0 - 16.5	12.0	28	28,5	10
55507155	32x1,5	11.0 - 21.0	15.0	34	34,5	10
55507165	40x1,5	19.0 - 28.0	15.0	42	42,5	1
55507175	50x1,5	27.0 - 35.0	15.0	54	54,5	1

■ Accessories

- SKINDICHT® SM-PE-M see page 687

Benefits

- Dimensionally stable
- Flexible
- Compression resistant
- Additional cable protection after cable installation
- Fast and easy assembly

Application range

- Vehicle construction
- Shipbuilding
- Mechanic engineering
- Electrical industry
- Everywhere where cables and wires need to be protected after assembling

Product features

- Halogen and cadmium-free
- Abrasion resistant
- Increased resistance against oil, petrol, acids and other chemicals

Approvals (Norm references)



Design

- Diviseable corrugated polyamide 6 conduit

Note

- UV resistant and weather proof
- On request
- SILVYN® SPLIT PP (polypropylene)
- SILVYN® SPLIT 54/70



Info

- New sizes available

Technical data



On request
SILVYN® SPLIT PP
(Polypropylen)
SILVYN® SPLIT NW 54 / 70



Colour delivered
Black, RAL 9005, UV-resistant



Material
PA halogen-free



Degree of protection
IP 43 with SILVYN® SPLIT COV



Range of temperature
-40 °C up to +120 °C



Part number	Article designation	Bending radius mm	Conduit size mm	Suitable for SILVYN® COV	PU in m
SILVYN® SPLIT					
61806621	8	70	6.2/11.2		50
61806620	10	55	8.9/13.6	M16/PG9	50
61806630	14	75	12.9/18.7	M20/PG13,5	50
61806631	16	100	10.3/15.8		50
61806640	20	105	19.8/25.9	M25/PG21	50
61806641	21	120	13.9/21.0		50
61806650	23	125	23.7/31.3	M32/PG29	50
61806651	32	180	26.2/34.5		50
61806660	37	170	31.7/41.9	M40/PG29	25
61806670	45	170	43.1/54.2	M50	25

Comparable products

- Cable protective conduit for preassembling see page 809

Accessories

- SILVYN® SPLIT COV see page 808
- SILVYN® SPLIT COS see page 808

SILVYN® SPLIT COV / SILVYN® SPLIT COS



SILVYN® SPLIT COV



SILVYN® SPLIT COS

■ Benefits

SILVYN® SPLIT COV

- Fast and easy assembly
- Subsequent mountable conduit insertion

SILVYN® SPLIT COS

- Fast mounting
- Easy unassembling
- Strain relief proofed connection
- No sag of the conduit
- No losable parts

■ Application range

SILVYN® SPLIT COV

- In combination with protective conduit
- SILVYN® SPLIT
- Mechanic engineering
- Electrical industry
- Everywhere where cables and wires need to be protected after assembling

SILVYN® SPLIT COS

- In combination with protective conduit
- SILVYN® SPLIT
- Fixing of conduits on machine walls for all applications

■ Product features

SILVYN® SPLIT COV

- Including divisible counter nut

SILVYN® SPLIT COS

- One piece conduit holder

■ Approvals (Norm references)



■ Design

SILVYN® SPLIT COS

- One piece conduit holder with M4 borehole for fixation

■ Note

- UV resistant and weather proof

■ Suitable conduits

- SILVYN® SPLIT page 807

■ Technical data



Colour delivered

Black, RAL 9005, UV-resistant



Material

PA halogen-free



Range of temperature

-40°C up to +120°C

Part number	Article designation	Threadsize	Conduit size mm	Suitable for SILVYN® SPLIT	Pieces / PU
SILVYN® SPLIT COV					
61806760	10	9	8.9/13.6	10	100
61806770	14	13.5	12.9/18.7	14	100
61806780	20	21	19.8/25.9	20	50
61806790	23	29	23.7/31.3	23	50
61806800	37	29	31.7/41.9	37	25
SILVYN® SPLIT COS					
61806680	10	16 x 1,5	8.9/13.6	10	100
61806681	14	20 x 1,5	12.9/18.7	14	100
61806682	20	25 x 1,5	19.8/25.9	20	50
61806683	23	32 x 1,5	23.7/31.3	23	50
61806684	37	40 x 1,5	31.7/41.9	37	25
61806685	45	50 x 1,5	43.1/54.2	45	25
SILVYN® SPLIT COS					
61806690	10		8.9/13.6	10	100
61806700	14		12.9/18.7	14	100
61806710	20		19.8/25.9	20	50
61806720	23		23.7/31.3	23	50
61806730	37		31.7/41.9	37	20
61806740	45		43.1/54.2	45	20

SILVYN® RILL PA6 SINUS



Info

- Sinusoidal cut for preassembling
- Special heat resistant polyamide up to +140°C



SILVYN® RILL PA6 SINUS

Benefits

- Dimensionally stable
- Flexible
- Compression resistant
- Subsequent cable protection
- Sinusoidal slit remains closed under torsion for the most part

Application range

- Mechanic engineering
- Electrical industry
- Shipbuilding
- Solar applications

Product features

- Increased resistance against oil, petrol, acids and other chemicals

- Halogen and cadmium-free
- Abrasion resistant

Approvals (Norm references)



- NFR-13-903 from 8,4x11,4

Design

- Fine profil corrugated polyamide 6 conduit with SINUSoidal slid

Note

- On request
- SILVYN® RILL PA6 SINUS PP (polypropylene)

Technical data



Approvals

GGVS, NFR-13-903 from 8.4 x 11.4



Note

Elongation at tear in accordance to DIN 53 455: 50-200%
Impact resistance in accordance to DIN 53 453: without rupture
Notched impact resistance in accordance to DIN 53 453: without rupture
Flammability rating: UL 94 HB



Colour delivered

Black, RAL 9005, UV-resistant



Material

PA6 heat modified
Cadmium free
Halogen-free



Range of temperature

-40°C up to +140°C

Part number	Internal Ø x External Ø in mm	Inner Ø in mm	Suitable for holder SILVYN®	PU ring in m
SILVYN® RILL PA6 SINUS				
61806550	6,7 x 10,0	6.7	FCL 10 / 5550 6905	50
61806555	8,4 x 11,4	8.4		50
61806560	9,9 x 13,0	9.9	FCL 13 / 5550 6915	50
61806565	12,2 x 15,7	12.2	FCL 16 / 5550 6925	50
61806570	16,6 x 21,2	16.6	FCL 21 / 5550 6935	50
61806575	21,3 x 25,4	21.3	SPLIT COS 20 / 6180 6710	50
61806580	23,2 x 28,3	23.2	FCL 28 / 5550 6945	50

Comparable products

- SILVYN® SPLIT see page 807

Accessories

- SILVYN® SPLIT COS see page 808
- SILVYN® FCL see page 805
- STKP tool of the cable eater serves as an insertion tool

SILVYN® MAXI PA



Benefits

- Dimensionally stable
- Flexible
- Flame retardant
- Compression resistant

Application range

- Mechanical engineering
- Public utilities
- Flexible application
- Outdoors application

Product features

- Halogen and cadmium-free
- Abrasion resistant
- Increased resistance against oil, petrol, acids and other chemicals

Approvals (Norm references)



- UL FILENUMBER E308201

Design

- Thick walled corrugated polyamide 6 conduit

Note

- UV resistant and weather proof

Technical data



On request

Available in PA 12



Colour delivered

Grey
Black, UV-resistant



Material

PA 6
Halogen-free



Range of temperature

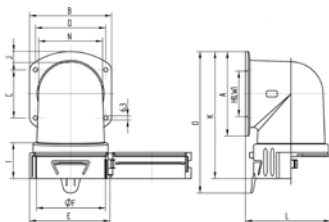
-40°C up to +115°C

Part number	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Weight kg/m	Suitable for SILVYN® AFG-PA/AFW-PA	PU ring in m
SILVYN® MAXI PA grey						
61791150	66.5 x 79.2	170	66.5	0.46	70	10
61791160	91.0 x 106.0	225	91.0	0.79	95	10
SILVYN® MAXI PA black						
61791155	66.5 x 79.2	170	66.5	0.46	70	10
61791165	91.0 x 106.0	225	91.0	0.79	95	10

Accessories

- SILVYN® AFG-PA see page 811
- SILVYN® AFW-PA see page 811

SILVYN® AFW-PA / AFW-PA / SILVYN® gasket AFG-PA / SILVYN® AFG-PA



SILVYN® AFW-PA

SILVYN® gasket AFG-PA / AFW-PA

SILVYN® AFG-PA

Benefits

SILVYN® AFG-PA

- Tearproofed connection
- Secure conduit insertion
- Highly flame-retardant and self-extinguishing in accordance with UL 94 V0

SILVYN® gasket AFG-PA / AFW-PA

- Raise IP degree of protection in combination with SILVYN® AFG-PA and SILVYN® AFW-PA

SILVYN® AFW-PA

- 90° elbow enables best assembling
- Tearproofed connection
- Secure conduit insertion
- Highly flame-retardant and self-extinguishing in accordance with UL 94 V0

Application range

SILVYN® AFG-PA

- In combination with protective conduit
- SILVYN® MAXI, PA
- Mechanical engineering
- Bundeling and guiding of cables and wires

SILVYN® gasket AFG-PA / AFW-PA

- In combination with protective conduit
- SILVYN® MAXI, PA
- SILVYN® AFG-PA
- SILVYN® AFW-PA

SILVYN® AFW-PA

- In combination with protective conduit
- SILVYN® MAXI, PA
- Mechanical engineering
- Bundeling and guiding of cables and wires
- For less space applications

Approvals (Norm references)



SILVYN® AFG-PA

- UL FILENUMBER E308201
- SILVYN® gasket AFG-PA / AFW-PA
- IP 69K according to DIN 40050 T.9

Design

SILVYN® AFG-PA

- One piece connector with clap mechanism specifically designed for use with the SILVYN® MAXI PA. Thanks to the special construction, the conduit can be pre-locked and mounted ready for connection

SILVYN® gasket AFG-PA / AFW-PA

- Sealing element with adjusted corrugation profile

SILVYN® AFW-PA

- One piece 90° elbow connector with clap mechanism specifically designed for use with the SILVYN® MAXI PA. Thanks to the special construction, the conduit can be pre-locked and mounted ready for connection

Note

SILVYN® AFG-PA

- UV resistant and weather proof

SILVYN® AFW-PA

- UV resistant and weather proof

Suitable conduits

- SILVYN® MAXI PA page 810

Technical data

RAL	Colour delivered SILVYN® AFG-PA Grey Black, UV-resistant SILVYN® AFW-PA Grey Black, UV-resistant
Material	SILVYN® AFG-PA PA 6 SILVYN® AFW-PA PA 6
IP	Degree of protection SILVYN® AFG-PA IP 54 IP 65 with AFG-PA/AFW-PA seal SILVYN® AFW-PA IP 54 IP 65 with AFG-PA/AFW-PA seal
Temperature	Range of temperature SILVYN® AFG-PA -30°C up to +100°C SILVYN® AFW-PA -30°C up to +100°C

Part number	Article designation	Nominal size	A mm	B in mm	Overall length C mm	D mm	E mm	F mm	H	I	J	K	L	N	O	Pieces / PU
SILVYN® AFG-PA grey																
55001080	70 straight	70	94.0	96.0	60.5	80.5										
55001081	95 straight	95	128.0	126.0	74.0	108.0										
SILVYN® AFG-PA black																
55001085	70 straight	70	94.0	96.0	60.5	80.5										
55001086	95 straight	95	128.0	126.0	74.0	108.0										
SILVYN® AFW-PA grey																
55001090	70 - 90°- angle		94.0	96.0	60.5	80.5	96.4	69	70.0	56.5	6.2	152.5	103.5	81.5	175.0	1
55001091	95 - 90°- angle		128.0	126.0	74.0	108.0	123.5	96	95.0	55.0	7.0	202.5	127.5	98.5	224.5	1
SILVYN® AFW-PA black																
55001093	70 - 90°- angle		94.0	96.0	60.5	80.5	96.4	69	70.0	56.5	6.2	152.5	103.5	81.5	175.0	1
55001092	95 - 90°- angle		128.0	126.0	74.0	108.0	123.5	96	95.0	55.0	7.0	202.5	127.5	98.5	224.5	1
SILVYN® Sealing for AFG-PA, AFW-PA																
55001082	70															1
55001083	95															1

Accessories

SILVYN® AFG-PA

- SILVYN® gasket AFG-PA / AFW-PA see page 811

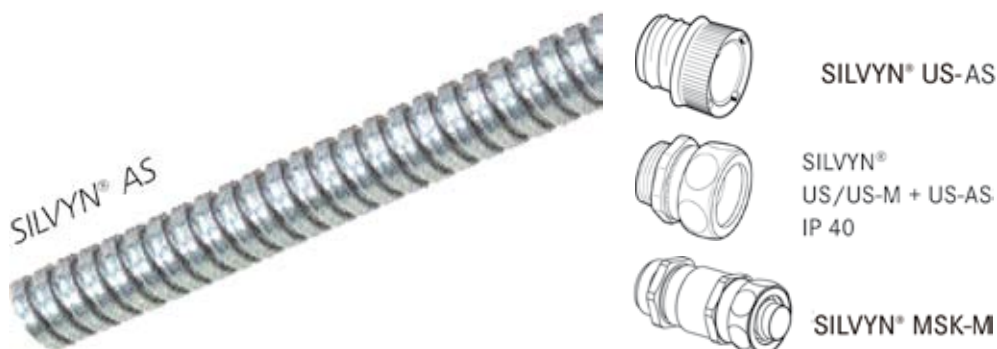
SILVYN® gasket AFG-PA / AFW-PA

- SILVYN® AFG-PA see page 811
- SILVYN® AFW-PA see page 811

SILVYN® AFW-PA

- SILVYN® gasket AFG-PA / AFW-PA see page 811

SILVYN® AS



SILVYN® AS

■ Benefits

- Tensile strength
- Highly compression proofed
- Flexible 24 mm
- For higher mechanical stress
- Heat resistant

■ Application range

- Mechanical engineering
- Plant engineering
- Outdoors application
- Applications with mechanical stress

■ Approvals (Norm references)



- VDE
- DIN 49012, fits to design G according EN 50086-2-3
- In EX-area according to VDE 0165 DIN EN 50281-1-2

■ Design

- Spirally wound metal protective conduit with roughenged profile

■ Note

- On request
- PU 10 m

■ Technical data



Material

Cold strip DC Ø3 in accordance to EN 10139, zinc plated Fe/Zn3



Range of temperature

Up to +220°C

Part number	PG size	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring in m
SILVYN® AS								
61802080	7	8.0 x 10.0	28	8.0	12 x 1,5	10 x 1,0	7	50
61802090	9	11.0 x 14.0	34	11.0	16 x 1,5	12 x 1,5	9	50
61802100	11	14.0 x 17.0	40	14.0	20 x 1,5	16 x 1,5	11	50
61802110	13.5	16.0 x 19.0	45	16.0			13,5	50
61802120	16	18.0 x 21.0	50	18.0	25 x 1,5	20 x 1,5	16	50
61802130	21	23.0 x 27.0	63	23.0	32 x 1,5	25 x 1,5	21	50
61802140	29	31.0 x 36.0	85	31.0	40 x 1,5	32 x 1,5	29	25
61802150	36	40.0 x 45.0	100	40.0	50 x 1,5	40 x 1,5	36	25
61802170	48	51.0 x 56.0	125	51.0	63 x 1,5	50 x 1,5	48	25

■ Comparable products

- SILVYN® EDU-AS see page 813

■ Accessories

- SILVYN® MSK-M US see page 816
- SILVYN® US-M see page 774
- SILVYN® US see page 777
- SILVYN® US-AS see page 819

SILVYN® EDU-AS



SILVYN® MSK-M



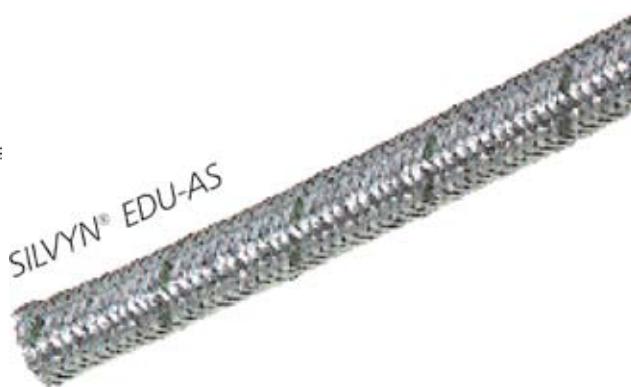
SILVYN®
US/US-M + US-EDU-AS
IP 40



SILVYN® US-EDU-AS



SILVYN® US MS-DR



SILVYN® EDU-AS

■ Benefits

- Protection against hot chipz
- Tensile strength
- Highly compression proofed
- Flexible 24 mm
- For heavy mechanical stress

■ Application range

- Mechanical engineering
- Plant engineering
- Outdoors application
- Everywhere where cables and wires could be damaged by welding sparkles or hot chipz
- Applications with mechanical stress

■ Approvals (Norm references)



- VDE
- DIN 49012, fits to design K according EN 50086-2-3
- In EX-area according to VDE 0165 DIN EN 50281-1-2

■ Design

- Spirally wound metal protective conduit with roughenged profile
- Galvanised steel wire braiding

■ Note

- On request
- PU 10 m
- up to 400° C

■ Technical data



Material
Cold strip DC Ø3 in accordance to EN 10139, zinc plated Fe/Zn3
Braiding: Zinc plated steel wire



Range of temperature
Up to +220 °C

Part number	PG size	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring in m
SILVYN® EDU-AS								
61802380	7	7.0 x 10.0	28	7.0	12 x 1,5	10 x 1,0	7	50
61802390	9	10.0 x 14.0	34	10.0	16 x 1,5	12 x 1,5	9	50
61802400	11	13.0 x 17.0	40	13.0	20 x 1,5	16 x 1,5	11	50
61802410	13.5	15.0 x 19.0	45	15.0			13,5	50
61802420	16	17.0 x 21.0	50	17.0	25 x 1,5	20 x 1,5	16	50
61802430	21	22.0 x 27.0	63	22.0	32 x 1,5	25 x 1,5	21	50
61802440	29	29.0 x 36.0	85	29.0	40 x 1,5	32 x 1,5	29	25
61802450	36	38.0 x 45.0	100	38.0	50 x 1,5	40 x 1,5	36	25
61802470	48	49.0 x 56.0	135	49.0	63 x 1,5	50 x 1,5	48	25

■ Accessories

- SILVYN® MSK-M US see page 816
- SILVYN® US-M see page 774
- SILVYN® US see page 777
- SILVYN® US-EDU-AS see page 819
- SILVYN® US-MS-DR see page 819

SILVYN® EMC AS-CU



SILVYN® MSK-M

SILVYN®
US/US-M + US-EDU-AS
IP 40

SILVYN® US-EDU-AS



SILVYN® US MS-DR

SILVYN® EMC AS-CU

■ Benefits

- Optimal EMC protection
- Tensile strength
- Highly compression proofed
- Flexible
- For higher mechanical stress

■ Application range

- Mechanical engineering
- Automotive industry
- Conveyor technology
- Railway applications / vehicle construction
- Everywhere, where electromagnetical interferences may appear.

■ Product features

- A screening factor up to 10 MHz acc. to VG 95373 part 41 up to 30dB can be reached.

■ Approvals (Norm references)



■ Design

- Spirally wound metal protective conduit with roughenged profile
- Tinned copper braid

■ Technical data



Material

Protective conduit: cold strip St 2 acc. EN10139, galvanized
Braiding: tinned copper



Range of temperature

Up to +150°C

Part number	Part designation	Part IØ x AØ mm	Bending radius mm	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring in m
SILVYN® EMC AS-CU							
64400500	SILVYN® EMC AS-CU 10	7.0 x 10.0	28	12 x 1,5	10 x 1,0	7	50
64400501	SILVYN® EMC AS-CU 14	10.0 x 14.0	34	16 x 1,5	12 x 1,5	9	50
64400502	SILVYN® EMC AS-CU 17	13.0 x 17.0	40	20 x 1,5	16 x 1,5	11	50
64400503	SILVYN® EMC AS-CU 19	15.0 x 19.0	45			13,5	50
64400504	SILVYN® EMC AS-CU 21	17.0 x 21.0	50	25 x 1,5	20 x 1,5	16	50
64400505	SILVYN® EMC AS-CU 27	22.0 x 27.0	63	32 x 1,5	25 x 1,5	21	50
64400506	SILVYN® EMC AS-CU 36	29.0 x 36.0	85	40 x 1,5	32 x 1,5	29	25
64400507	SILVYN® EMC AS-CU 45	38.0 x 45.0	100	50 x 1,5	40 x 1,5	36	25
64400508	SILVYN® EMC AS-CU 56	49.0 x 56.0	135	63 x 1,5	50 x 1,5	48	25

■ Accessories

- 3M Scotch 1183 screening tape see page 950
- SILVYN® MSK-M US see page 816
- SILVYN® US-M see page 774
- SILVYN® US see page 777
- SILVYN® US-EDU-AS see page 819
- SILVYN® US-MS-DR see page 819

SILVYN® AS-P



SILVYN® AS-P

■ Benefits

- Protection against liquids
- Tensile strength
- Highly compression proofed
- Flexible 24 mm
- For higher mechanical stress

■ Application range

- Mechanical engineering
- Plant engineering
- Outdoors application
- Everywhere where liquids are in the environment
- Applications with mechanical stress

■ Approvals (Norm references)



- VDE
- DIN 49012, fits to design I according EN 50086-2-3
- In EX-area according to VDE 0165 DIN EN 50281-1-2

■ Design

- Spirally wound metal protective conduit with roughenged profile
- PVC outer sheath

■ Technical data

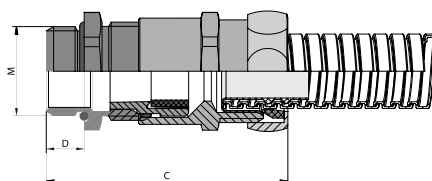
RAL	Colour delivered
	Grey
Material	
	Cold strip DC Ø3 in accordance to DIN 10139, zinc plated Fe/Zn3
	Sheath: PVC
	Silicon free
Range of temperature	
	-25°C up to +80°C
	Briefly up to +100°C

Part number	PG size	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring in m
SILVYN® AS-P								
64400010	7	7.0 x 10.0	32	7.0	12 x 1,5	10 x 1,0	7	50
64400020	9	10.0 x 14.0	40	10.0	16 x 1,5	12 x 1,5	9	50
64400030	11	13.0 x 17.0	45	13.0	20 x 1,5	16 x 1,5	11	50
64400040	13.5	15.0 x 19.0	52	15.0			13,5	50
64400050	16	17.0 x 21.0	58	17.0	25 x 1,5	20 x 1,5	16	50
64400060	21	22.0 x 27.0	72	22.0	32 x 1,5	25 x 1,5	21	50
64400070	29	29.0 x 36.0	98	29.0	40 x 1,5	32 x 1,5	29	25
64400080	36	38.0 x 45.0	118	38.0	50 x 1,5	40 x 1,5	36	25
64400090	48	49.0 x 56.0	140	49.0	63 x 1,5	50 x 1,5	48	25
SILVYN® AS-P 10M								
64400100	7	7.0 x 10.0	32	7.0	12 x 1,5	10 x 1,0	7	10
64400110	9	10.0 x 14.0	40	10.0	16 x 1,5	12 x 1,5	9	10
64400120	11	13.0 x 17.0	45	13.0	20 x 1,5	16 x 1,5	11	10
64400130	13.5	15.0 x 19.0	52	15.0			13,5	10
64400140	16	17.0 x 21.0	58	17.0	25 x 1,5	20 x 1,5	16	10
64400150	21	22.0 x 27.0	72	22.0	32 x 1,5	25 x 1,5	21	10
64400160	29	29.0 x 36.0	98	29.0	40 x 1,5	32 x 1,5	29	10
64400170	36	38.0 x 45.0	118	38.0	50 x 1,5	40 x 1,5	36	10
64400180	48	49.0 x 56.0	140	49.0	63 x 1,5	50 x 1,5	48	10

■ Accessories

- SILVYN® MSK-M US see page 816
- SILVYN® US-M see page 774
- SILVYN® US see page 777
- SILVYN® US-AS see page 819
- SILVYN® US-EDU-AS see page 819

SILVYN® MSK-M US



SILVYN® MSK-M US

■ Benefits

- Optimal cable and conduit strain relief
- Highest cable sealing
- Fast and easy assembly
- Large clamping range
- Anti turn protection

■ Application range

- In combination with protective conduit
- SILVYN® AS
- SILVYN® EDU-AS/EMC AS-CU/AS-P
- Inside application / outside
- Everywhere where cables and wires need to be additionally sealed and strain relieved

■ Product features

- Combination of SILVYN® and SKINTOP®

■ Approvals (Norm references)



■ Design

- Optionally:
- SKINTOP® MS-M gland
- SKINTOP® MS-SC-M EMC connection
- SKINTOP® DIX multiple sealing insert
- SILVYN® conduit connection via inner sleeve and cap nut

■ Note

- On request
- With XL connection thread (on request)
- With ATEX approval (on request)
- Suitable accessories see SKINTOP® metrical accessories

■ Suitable conduits

- SILVYN® AS page 812
- SILVYN® EDU-AS page 813
- SILVYN® AS-P page 815
- SILVYN® EMC AS-CU page 814

■ Technical data



Material

Basis type:
Body: Nickel plated brass
Conduit connector seal: CR/NBR
Tube seal: TPE



Degree of protection

Cable: IP 68
Conduit:
IP 40 with SILVYN® AS, EDU-AS, EMC AS-CU
IP 65 with SILVYN® FPS, AS-P
IP 66 with SILVYN® FD-PU



Range of temperature

-30°C up to +100°C

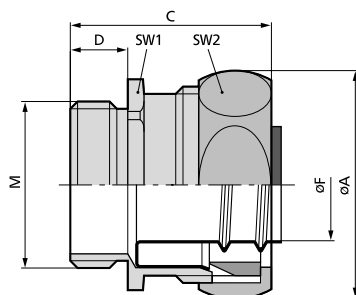
Part number	Article designation	Suitable for conduit Ø mm	Pieces / PU
SILVYN® MSK-M for SILVYN® AS			
55506080	MSK-M M12x1,5 AS	AS 7	5
55506081	MSK-M M16x1,5 AS	AS 9	5
55506082	MSK-M M20x1,5 AS	AS 11	5
55506083	MSK-M M25x1,5 AS	AS 16	5
55506084	MSK-M M32x1,5 AS	AS 21	5
55506085	MSK-M M40x1,5 AS	AS 29	1
55506086	MSK-M M50x1,5 AS	AS 36	1
55506087	MSK-M M63x1,5 AS	AS 48	1
SILVYN® MSK-M for SILVYN® EDU-AS / AS-P / EMC AS-CU			
55506090	MSK-M M12x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 7	5
55506091	MSK-M M16x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 9	5
55506092	MSK-M M20x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 11	5
55506093	MSK-M M25x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 16	5
55506094	MSK-M M32x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 21	5
55506095	MSK-M M40x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 29	1
55506096	MSK-M M50x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 36	1
55506097	MSK-M M63x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 48	1
SILVYN® MSK-M for SILVYN® AS			
55506110	MSK-SC-M M12x1,5 AS	AS 7	5
55506111	MSK-SC-M M16x1,5 AS	AS 9	5
55506112	MSK-SC-M M20x1,5 AS	AS 11	5
55506113	MSK-SC-M M25x1,5 AS	AS 16	5
55506114	MSK-SC-M M32x1,5 AS	AS 21	5
55506115	MSK-SC-M M40x1,5 AS	AS 29	1
55506116	MSK-SC-M M50x1,5 AS	AS 36	1
SILVYN® MSK-M for SILVYN® EDU-AS / AS-P			
55506120	MSK-SC-M M12x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 7	5
55506121	MSK-SC-M M16x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 9	5
55506122	MSK-SC-M M20x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 11	5
55506123	MSK-SC-M M25x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 16	5
55506124	MSK-SC-M M32x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 21	5
55506125	MSK-SC-M M40x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 29	1
55506126	MSK-SC-M M50x1,5 EDU	EDU-AS, AS-P, EMC AS-CU 36	1

Further types with SKINTOP® DIX-M on request

■ Accessories

- SKINTOP® DIX-M see page 662
- SKINTOP® DIX-M AUTOMATION see page 663
- SKINTOP® DIX-DV see page 665

SILVYN® US-M



SILVYN® US-M

■ Benefits

- High tensile strength
- Saving space
- Vibration protection
- Universally useable

■ Application range

- In combination with protective conduit
- SILVYN® FPS/FD-PU
- SILVYN® AS/EDU-AS/EMC AS-CU/AS-P
- Mechanical engineering
- Plant engineering

■ Product features

- Compact design
- Applicable as an EMC gland by using the brass ring SILVYN® US-MS-DR

■ Approvals (Norm references)



■ Design

- Metric connection thread
- Hexagonal collar
- Inner sleeve (not included in the delivery)
- Sealing element
- Cap nut

■ Note

- Necessary inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- Has to be ordered separately in dependence of the choosen conduit

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® EDU-AS page 813
- SILVYN® FD-PU page 771
- SILVYN® AS-P page 815
- SILVYN® EMC AS-CU page 814

■ Technical data



Material
Body: Nickel plated brass
Sealing ring: TPE



Degree of protection
IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 65 (with SILVYN® FPS and AS-P)
IP 66 (with SILVYN® FD-PU)



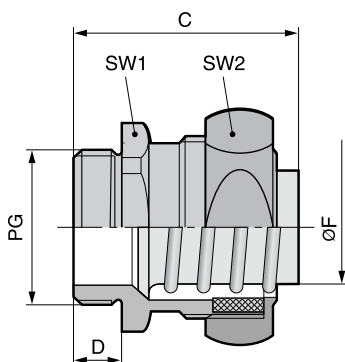
Range of temperature
-40 °C up to + 125 °C

Part number	Size M	SW 1/2 mm	C mm	D mm	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® AS	Suitable for SILVYN® EDU-AS/AS-P/EMC AS-CU	Pieces / PU
SILVYN® US-M								
55501500	10 x 1,0	15 / 17	31	10	7 x 10	8 x 10	7 x 10	50
55501510	12 x 1,5	19 / 21	33	10	10 x 14	11 x 14	10 x 14	50
55501520	16 x 1,5	23 / 25	33	10	13 x 17	14 x 17	13 x 17	50
55501530	20 x 1,5	27 / 29	33	10	16 x 21	18 x 21	17 x 21	50
55501540	25 x 1,5	34 / 36	41	11	22 x 27	23 x 27	22 x 27	25
55501550	32 x 1,5	43 / 45	43	13	29 x 36	31 x 36	29 x 36	25
55501560	40 x 1,5	52 / 54	43	13	38 x 45	40 x 45	38 x 44	20
55501570	50 x 1,5	63 / 66	49	14	48 x 56	51 x 56	49 x 56	10

■ Comparable products

- SILVYN® MSK-M EE see page 772
- SILVYN® MSK-M US see page 816

SILVYN® US



SILVYN® US

■ Benefits

- High tensile strength
- Saving space
- Vibration protection
- Universally useable

■ Application range

- In combination with protective conduit
- SILVYN® FPS/FD-PU
- SILVYN® AS/EDU-AS/EMC AS-CU/AS-P
- Mechanical engineering
- Plant engineering

■ Product features

- Compact design
- Applicable as an EMC gland by using the brass ring SILVYN® US-MS-DR

■ Approvals (Norm references)



■ Design

- PG connection thread
- Hexagonal collar
- Inner sleeve (not included in the delivery)
- Sealing element
- Cap nut

■ Note

- Necessary inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- Has to be ordered separately in dependence of the chosen conduit

■ Suitable conduits

- SILVYN® FPS page 770
- SILVYN® EDU-AS page 813
- SILVYN® FD-PU page 771
- SILVYN® AS-P page 815
- SILVYN® EMC AS-CU page 814

■ Technical data



Material
Body: Nickel plated brass
sealing: TPE



Degree of protection
IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 65 (with SILVYN® FPS and AS-P)
IP 66 (with SILVYN® FD-PU)



Range of temperature
-40°C up to + 125°C

Part number	PG size	Overall length C mm	D mm	F mm	SW 1/2 mm	Suitable for SILVYN® FPS/FD- PU	Suitable for SILVYN® AS	Suitable for SILVYN® EDU-AS/AS-P/EMC AS-CU	Pieces / PU
SILVYN® US									
61795080	7	28.0	7.0	9	15 / 17	7 x 10	8 x 10	7 x 10	50
61795090	9	30.0	7.0	11	19 / 21	10 x 14	11 x 14	10 x 14	50
61795100	11	30.0	7.0	15	23 / 25	13 x 17	14 x 17	13 x 17	50
61795110	13.5	30.0	7.0	17	25 / 27	15 x 19	16 x 19	15 x 19	50
61795120	16	30.0	7.0	19	27 / 29	16 x 21	18 x 21	17 x 21	50
61795130	21	40.0	10.0	24	34 / 36	22 x 27	23 x 27	22 x 27	25
61795140	29	40.0	10.0	32	43 / 45	29 x 36	31 x 36	29 x 36	25
61795150	36	40.0	10.0	42	52 / 54	38 x 45	40 x 45	38 x 45	20
61795170	48	45.0	10.0	55	63 / 77	48 x 56	51 x 56	49 x 56	10

SILVYN® US-MS-DR / SILVYN® US-EDU-AS / SILVYN® US-AS



SILVYN® US-MS-DR



SILVYN® US-EDU-AS



SILVYN® US-AS

■ Benefits

SILVYN® US-AS

- Avoid cable damages

SILVYN® US-EDU-AS

- Avoid cable damages

SILVYN® US-MS-DR

- Enables discharging the interference current through the connection with the conduit gland SILVYN® US-M/US
- At temperatures over 100°C the clamping ring can be used as sealing alternative

■ Application range

SILVYN® US-AS

- In combination with protective conduit
- SILVYN® AS
- Cover of the conduit's end

SILVYN® US-EDU-AS

- In combination with protective conduit
- SILVYN® EDU-AS/EMC AS-CU/AS-P
- Cover of the conduit's end

SILVYN® US-MS-DR

- In combination with protective conduit
- SILVYN® AS
- SILVYN® EDU-AS/EMC AS-CU
- As EMC connection

■ Approvals (Norm references)



■ Design

SILVYN® US-AS

- Inner sleeve

SILVYN® US-EDU-AS

- Inner sleeve

■ Note

SILVYN® US-AS

- Necessary for connecting SILVYN® AS conduit with SILVYN® US-M/US

SILVYN® US-EDU-AS

- Necessary for connecting SILVYN® EDU-AS/EMC AS-CU/AS-P conduit with SILVYN® US-M/US

■ Suitable conduits

SILVYN® US-AS

- SILVYN® AS-P page 815

SILVYN® US-EDU-AS

- SILVYN® EDU-AS page 813
- SILVYN® AS-P page 815
- SILVYN® EMC AS-CU page 814

SILVYN® US-MS-DR

- SILVYN® EDU-AS page 813
- SILVYN® EMC AS-CU page 814

■ Technical data



Material

SILVYN® US-AS

Nickel-plated brass

SILVYN® US-EDU-AS

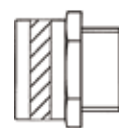
Brass, blank

SILVYN® US-MS-DR

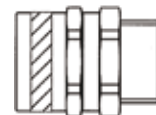
Brass, blank

Part number	PG size	AØ tube - IØ Sleeve mm	Pieces / PU
SILVYN® US-AS for SILVYN® AS			
61802180	7	10.0 - 6.5	50
61802190	9	14.0 - 9.5	50
61802200	11	17.0 - 12.5	50
61802210	13.5	19.0 - 14.5	50
61802220	16	21.0 - 16.5	50
61802230	21	27.0 - 21.5	25
61802240	29	36.0 - 29.5	25
61802250	36	45.0 - 38.0	20
61802270	48	56.0 - 48.0	10
SILVYN® US-EDU-AS for SILVYN® EDU-AS / AS-P			
61802480	7	10.0 - 6.5	50
61802490	9	14.0 - 9.0	50
61802500	11	17.0 - 12.0	50
61802510	13.5	19.0 - 14.0	50
61802520	16	21.0 - 16.0	50
61802530	21	27.0 - 20.0	25
61802540	29	36.0 - 28.0	25
61802550	36	45.0 - 37.0	20
61802570	48	56.0 - 48.0	10
SILVYN® US-MS-DR for SILVYN® US-AS / US-EDU-AS			
61808168	7		50
61808169	9		50
61808170	11		50
61808180	13.5		50
61808190	16		50
61808200	21		25
61808201	29		25
61808202	36		20
61808204	48		10

SILVYN® SSUE



SILVYN® LGEF-M



SILVYN® LGES-M

SILVYN® SSUE

■ Benefits

- Tensile strength
- Corrosion resistant
- Flexible
- For heavy mechanical stress
- Heat resistant

■ Application range

- Off shore applications
- Measuring technology
- Plant engineering
- Outdoors application
- Applications with mechanical stress

■ Product features

- Stainless steel AISI316

■ Approvals (Norm references)



- UNDERGROUND

■ Design

- Spirally wound stainless steel protective conduit with roughened profile

■ Note

- Sizes 10.12 with double-linked

■ Technical data



Approvals

Railway:
UNDERGROUND



Note

Sizes 10.12 with double-linked



Material

Stainless steel AISI316



Degree of protection

IP 40



Range of temperature

-100°C bis +400°C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® LGEF-M/LGES-M	PU ring in m
SILVYN® SSUE						
61804600	10	6.8 x 9.0	25	6.8	M 12 x 1,5	25
61804601	12	10.2 x 13.0	30	10.2	M 16 x 1,5/1	25
61804602	16	13.0 x 16.0	40	13.0	M 16 x 1,5/2	25
61804603	20	16.9 x 20.5	45	16.9	M 20 x 1,5/1	25
61804604	25	21.1 x 25.0	55	21.1	M 25 x 1,5	25
61804605	32	28.1 x 32.0	70	28.1	M 32 x 1,5	25
61804612	40	42.5 x 37.6	80	42.5	M 40 x 1,5	10
61804613	50	53.0 x 48.4	90	53.0	M 50 x 1,5	10

■ Comparable products

- SILVYN® UI 511 see page 822

■ Accessories

- SILVYN® LGES-M see page 821
- SILVYN® LGEF-M see page 821

SILVYN® LGEF-M / SILVYN® LGES-M



SILVYN® LGEF-M

SILVYN® LGES-M

■ Benefits

SILVYN® LGES-M

- Corrosion resistant
- For swivelable applications
- High tensile strength
- Saving space

SILVYN® LGEF-M

- Corrosion resistant
- For fixed applications
- High tensile strength
- Saving space

■ Application range

- In combination with protective conduit
- Protective cable conduit system SILVYN® SSUE
- Off shore applications
- Outdoors application
- Applications with mechanical stress

■ Product features

- Stainless steel AISI316

■ Approvals (Norm references)



■ Design

SILVYN® LGES-M

- Metric connection thread
- Hexagonal collar with swivel
- Cap nut

SILVYN® LGEF-M

- Metrical connection thread
- Hexagonal collar
- Cap nut

■ Suitable conduits

- SILVYN® SSUE page 820

■ Technical data

	Material Stainless steel AISI316
	Degree of protection IP 40
	Range of temperature -100°C bis +400°C

Part number	Article designation	Overall length C mm	Thread length D mm	SW mm	Suitable for SILVYN® SSUE	Pieces / PU
SILVYN® LGES-M						
55503210	12 x 1,5	30.2	7.0	14.0	10	1
55503211	16 x 1,5 / 1	35.5	10.0	19.0	12	1
55503212	16 x 1,5 / 2	35.5	10.0	19.0	16	1
55503213	20 x 1,5 / 1	38.5	10.0	24.0	20	1
55503214	25 x 1,5	41.5	12.0	29.0	25	1
55503215	32 x 1,5	49.0	13.0	38.0	32	1
SILVYN® LGEF-M						
55503200	12 x 1,5	21.0	7.0	14.0	10	1
55503201	16 x 1,5 / 1	26.0	10.0	19.0	12	1
55503202	16 x 1,5 / 2	27.5	10.0	19.0	16	1
55503203	20 x 1,5 / 1	28.2	10.0	24.0	20	1
55503204	25 x 1,5	33.8	12.0	29.0	25	1
55503205	32 x 1,5	38.0	13.0	38.0	32	1
55503206	40 x 1,5	39.0	14.0	48.0	40	1
55503207	50 x 1,5	42.0	15.0	58.0	50	1

SILVYN® UI 511



■ Benefits

- Tensile strength
- Corrosion resistant
- Outdoor, direct burial
- For heavy mechanical stress
- Heat resistant

■ Application range

- Off shore applications
- Measuring technology
- Plant engineering
- Steel industry
- Applications with highest mechanical stress

■ Product features

- Stainless steel AISI 304

■ Approvals (Norm references)



■ Design

- Spirally wound stainless steel protective conduit with interlocked profile (AGRAFF)



Info

- Double linked
- For highest mechanical requirements

■ Technical data



Note

Size 2" not stocked !



Material

Stainless steel AISI 304
DW No. 1.4301



Degree of protection

IP40



Range of temperature

-100 °C up to +600 °C

Part number	Article designation	Static/dynamic bending radius mm	Outer Ø mm	Min. internal Ø	PU in m
SILVYN® UI 511					
61799815	5/16"	50.0/60.0	12.5	9.5	30
61799816	3/8"	65.0/80.0	16.5	13.0	30
61799817	1/2"	75.0/100.0	20.3	17.0	30
61799818	3/4"	90.0/125.0	25.3	22.0	30
61799819	1."	120.0/160.0	31.0	25.8	30
61799820	1 1/4"	175.0/220.0	39.5	34.2	30
61799822	2."	285.0/340.0	58.0	52.0	15

■ Comparable products

- Protective cable conduit system SILVYN® SSUE see page 820

■ Accessories

- SILVYN® UI 511 -G see page 823
- SILVYN® UI 511 -EG see page 823

SILVYN® UI 511 -EG / SILVYN® UI 511 -G



SILVYN® UI 511 -EG

SILVYN® UI 511 -G

■ Benefits

SILVYN® UI 511 -G

- High tensile strength
- For heavy mechanical stress
- Increased resistance against chemicals

SILVYN® UI 511 -EG

- Corrosion resistant
- High tensile strength
- For heavy mechanical stress
- Increased resistance against chemicals

■ Application range

- In combination with protective conduit
- SILVYN® UI 511
- Off shore applications
- Outdoors application
- Steel industry

■ Product features

SILVYN® UI 511 -G

- Nickel-plated brass

SILVYN® UI 511 -EG

- Stainless steel AISI 303

■ Approvals (Norm references)



■ Note

- On request
- 45° elbow version SILVYN® UI 511-HW
- 90° elbow version SILVYN® UI 511-W
- With PG thread

■ Design

- Metric connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

■ Suitable conduits

- SILVYN® UI 511 page 822

■ Technical data



Material

UI511-G: brass nickel-plated
UI511-EG: AISI 303, DW No. 1.4305
O-ring: NBR



Range of temperature

-45°C up to +105°C

Part number	Article designation	Min. internal Ø	Overall length C mm	Thread length D mm	SW mm	Suitable for SILVYN® UI 511	Pieces / PU
SILVYN® UI 511-G							
61797800	M 16 x 1,5/1	6.8	35.0	12.0	26.0	5/16"	1
61797802	M 16 x 1,5/2	9.8	35.0	12.0	26.0	3/8"	1
61797808	M 20 x 1,5/3	13.9	37.0	13.0	29.0	1/2"	1
61797810	M 25 x 1,5	18.5	40.0	15.0	35.0	3/4"	1
61797812	M 32 x 1,5	22.8	46.0	15.0	45.0	1"	1
61797814	M 40 x 1,5	30.8	52.0	16.0	54.0	1 1/4"	1
61797816	M 63 x 1,5	47.8	66.0	20.0	77.0	2"	1
SILVYN® UI 511-EG							
61797918	M 16 x 1,5/1	6.8	35.0	12.0	26.0	5/16"	1
61797920	M 16 x 1,5/2	9.8	35.0	12.0	26.0	3/8"	1
61797926	M 20 x 1,5/3	13.9	37.0	13.0	29.0	1/2"	1
61797928	M 25 x 1,5	18.5	40.0	15.0	35.0	3/4"	1
61797930	M 32 x 1,5	22.8	46.0	15.0	45.0	1"	1
61797932	M 40 x 1,5	30.8	52.0	16.0	54.0	1 1/4"	1

■ Comparable products

SILVYN® UI 511 -G

- SILVYN® UI 511 -EG see page 823

SILVYN® CNP / SILVYN® CNP Schlauchverschraubung



SILVYN® CNP



SILVYN® CNP Schlauchverschraubung

■ Benefits

SILVYN® CNP

- Protection against mechanical stress
- Protection against liquids
- Bendable
- Widely oil and acid resistant
- UL approved

SILVYN® CNP Schlauchverschraubung

- Corrosion resistant
- High tensile strength
- For heavy mechanical stress
- Increased resistance against chemicals

■ Application range

SILVYN® CNP

- Mechanical engineering
- Robot building
- Vending machine building
- Exporter

SILVYN® CNP Schlauchverschraubung

- In combination with protective conduit
- Protective cable conduit system SILVYN® CNP
- Mechanical engineering

- Exporter
- Vending machine building

■ Approvals (Norm references)



■ Design

SILVYN® CNP

- PVC inner conduit
- Nylon braid
- Plastic outer sheet

SILVYN® CNP Schlauchverschraubung

- The basic body is made of cast steel with galvanised surface. The inner sleeve is of polyamide and accommodates the conduit. A special profile on the inner sleeve is pressed into the conduit by the union nut
- O-Ring and counter nut included

■ Note

SILVYN® CNP Schlauchverschraubung

- 90° elbow version SILVYN® CNP-W (on request)

■ Technical data



Colour delivered
SILVYN® CNP
Orange



Material
SILVYN® CNP
PVC compound with nylon fabric
SILVYN® CNP Schlauchverschraubung
Body: Cast steel with zinc plated surface
Inner sleeve: PA



Degree of protection
SILVYN® CNP Schlauchverschraubung
IP 67



Range of temperature
SILVYN® CNP
-20°C up to +60°C
CSA: -18°C up to +75°C
Briefly up to +80°C

Part number	Article designation	Internal Ø x External Ø in mm	Dynamic bend- ing radius mm	Static/dynamic bending radius mm	Min. internal Ø	Overall length C mm	SW mm	Suitable for SILVYN® CNP-G	PU ring in m
SILVYN® CNP									
61712930	3/8"	21.0 x 29.5	100	70.0/100.0	21.0			1/2"	76
61722330	1/2"	35.1 x 46.0	125	90.0/125.0	35.1			1/2"	60
61722340	3/4"	40.7 x 52.4	160	115.0/160.0	40.7			3/4"	53
61712460	1"	12.6 x 19.4	200	170.0/200.0	12.6			1"	30
61712910	1 1/4"	16.1 x 23.4	240	200.0/240.0	16.1			1 1/4"	15
61722270	1 1/2"	26.5 x 36.3	290	230.0/290.0	26.5			1 1/2"	15
SILVYN® CNP-G									
55500400	1/2"					55.0	27.0	3/8"	1
55500410	1/2"					66.0	32.0	1/2"	1
55500420	3/4"					66.0	39.0	3/4"	1
55500430	1"					73.0	45.0	1"	1
55500440	1 1/4"					87.0	59.0	1 1/4"	1
55500450	1 1/2"					87.0	67.0	1 1/2"	1

■ Accessories

SILVYN® CNP

- SILVYN® CNP Schlauchverschraubung see page 824

New

SILVYN® HIPROJACKET CR / SILVYN® HIPROJACKET



SILVYN® HIPROJACKET CR

SILVYN® HTDL/EF/OR/HCX/HFX/HIPROJACKET

SILVYN® ADG/AMG-M
IP 67SILVYN® ADHW/AMHW-M
IP 67SILVYN® ADW/AMW-M
IP 67SILVYN® FDG
IP 67SILVYN® FDHW
IP 67SILVYN® FDW
IP 67

SILVYN® TB-E



SILVYN® HIPROJACKET

Benefits

SILVYN® HIPROJACKET

- Heat resistant
- Flexible 24 mm
- Reduces up to 30 % heat reduction compared to outer temperature

Application range

SILVYN® HIPROJACKET

- Steel industry
- Kiln engineering
- Plastics industry
- Mechanical engineering
- Everywhere cables and wires are exposed to extreme heat

Approvals (Norm references)



SILVYN® HIPROJACKET

- NFF 16-101 I2 F0, L01 42,5

Design

SILVYN® HIPROJACKET

- Glass fibre inner conduit
- Iron oxide silicone coat

Note

SILVYN® HIPROJACKET

- On request
- SILVYN® HIPROJACKET till NW 127
- SILVYN® HIPROSILTAPE heat resistant insulation tape for increasing the degree of protection

Suitable conduits

SILVYN® HIPROJACKET CR

- SILVYN® HIPROJACKET page 825

Suitable cables

SILVYN® HIPROJACKET

- FEP cables (-100°C up to +205°C) page 180
- PTFE cables (-190°C up to +260°C) page 181
- FEP single cores (-100°C up to +205°C) page 189
- PTFE single cores (-190°C up to +260°C) page 190
- Glass fibre single cores (above +260°C) page 191

Technical data



Approvals

SILVYN® HIPROJACKET

NFF 16-101 I2 (french railway)



Colour delivered

SILVYN® HIPROJACKET

Conduit: red



Material

SILVYN® HIPROJACKET

Conduit: fiber glass with iron oxide silicone coat

Clamp ring: nickel plated brass



Degree of protection

SILVYN® HIPROJACKET

In combination with HIPROJACKET CR und

AMG-M conduit gland IP54

IP67 if HIPROSILTAPE is used



Range of temperature

SILVYN® HIPROJACKET

-40°C up to +260°C operating temp.

+1090°C approx. 20 minutes

+1640°C approx. 15-30 seconds

Part number	Article designation	Anamet designation	Internal Ø x External Ø in mm	Nominal size	Inner Ø in mm	PU ring in m
SILVYN® HIPROJACKET						
52021385	SILVYN® HIPROJACKET NW 6	336.006.1	6.0 x 15.0		6.0	15
61713003	SILVYN® HIPROJACKET NW 10	336.010.1	10.0 x 15.0		10.0	15
61713005	SILVYN® HIPROJACKET NW 13	336.013.1	13.0 x 18.0		13.0	15
61713007	SILVYN® HIPROJACKET NW 16	336.016.1	16.0 x 22.0		16.0	15
61713010	SILVYN® HIPROJACKET NW 19	336.019.1	19.0 x 25.0		19.0	15
61713011	SILVYN® HIPROJACKET NW 22	336.022.1	22.0 x 28.0		22.0	15
61713000	SILVYN® HIPROJACKET NW 25	336.025.1	25.0 x 31.0		25.0	15
61713014	SILVYN® HIPROJACKET NW 29	336.029.1	29.0 x 35.0		29.0	15
61713015	SILVYN® HIPROJACKET NW 32	336.032.1	32.0 x 38.0		32.0	15
61713016	SILVYN® HIPROJACKET NW 35	336.035.1	35.0 x 41.0		35.0	15
61713017	SILVYN® HIPROJACKET NW 38	336.038.1	38.0 x 44.0		38.0	15
61713018	SILVYN® HIPROJACKET NW 41	336.041.1	41.0 x 47.0		41.0	15
61713019	SILVYN® HIPROJACKET NW 51	336.051.1	51.0 x 57.0		51.0	15
61713025	SILVYN® HIPROJACKET NW 64	336.064.1	64.0 x 70.0		64.0	15
61713027	SILVYN® HIPROJACKET NW 70	336.070.1	70.0 x 76.0		70.0	15
SILVYN® HIPROJACKET CR clamping ring						
61713030	SILVYN® HIPROJACKET CR	817.512.0		13		1
61713031	SILVYN® HIPROJACKET CR	817.516.0		16		1
61713032	SILVYN® HIPROJACKET CR	817.520.0		22		1
61713033	SILVYN® HIPROJACKET CR	817.526.0		25		1
61713034	SILVYN® HIPROJACKET CR	817.535.0		35		1
61713035	SILVYN® HIPROJACKET CR	817.540.0		38		1
61713036	SILVYN® HIPROJACKET CR	817.550.0		51		1

Accessories

SILVYN® HIPROJACKET

- SILVYN® HIPROJACKET CR see page 825
- SILVYN® HIPROSILTAPE
- SILVYN® AMG-M / AMHW-M / AMW-M
- SILVYN® AMG / AMHW / AMW

SILVYN® HTDL



SILVYN® HTDL

SILVYN® HTDL/EF/OR/HCX/HFX/HIPROJACKET

SILVYN® ADG/AMG-M
IP 67SILVYN® ADHW/AMHW-M
IP 67SILVYN® ADW/AMW-M
IP 67SILVYN® FDG
IP 67SILVYN® FDHW
IP 67SILVYN® FDW
IP 67

SILVYN® TB-E

■ Benefits

- Protection against liquids
- Tensile strength
- Robust
- Highly compression proofed
- UL approved

■ Application range

- Mechanical engineering
- Plant engineering
- Transformatorenbau
- Railway applications
- Exporter

■ Approvals (Norm references)



- NEC 501-4B

■ Design

- Spirally wound heavy metal protective conduit with roughenged profile
- Plastic outer sheet

■ Note

- At the nominal sizes 3/8" up to and including 1 1/4" with continuous copper conductor for earthing. Heavy metal core insert made of galvanised steel strip with special heat and sunlight-resistant plastic sheath. In the ex-range, usable according to NEC 501-4B.

■ Technical data



Colour delivered

Black



Material

Metal with PVC compound sheath



Range of temperature

-40°C up to +105°C

Briefly up to +120°C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	PU ring in m
SILVYN® HTDL					
61814190	3/8"	12.6 x 17.8	85	12.6	60
61814200	1/2"	16.1 x 21.1	110	16.1	60
61814210	3/4"	21.1 x 26.4	140	21.1	45
61814220	1"	26.8 x 33.1	170	26.8	30
61814230	1 1/4"	35.4 x 41.8	215	35.4	15
61814240	1 1/2" ***	40.3 x 47.8	250	40.3	15
61814250	2" ***	51.6 x 59.9	300	51.6	15

Sizes 1 1/2" and 2" without copper conductors

■ Accessories

- SILVYN® AMG-M/AMHW-M/AMW-M see page 829
- SILVYN® AMG/AMHW/AMW see page 830
- SILVYN® FDG/FDHW/FDW see page 831
- SILVYN® TB-E see page 832



SILVYN® EF



SILVYN® OR



■ Benefits

SILVYN® EF

- Protection against liquids
- Tensile strength
- Robust
- Highly compression proofed
- Extra flexible

SILVYN® OR

- Protection against liquids
- Tensile strength
- Robust
- Highly compression proofed
- Widely oil and acid resistant

■ Application range

- Mechanical engineering
- Plant engineering
- Transformatorenbau
- Railway applications
- Paper industry

■ Approvals (Norm references)



■ Design

- Spirally wound heavy metal protective conduit with roughened profile
- Plastic outer sheet

■ Note

SILVYN® EF

- PU= 10 m (on request)
- Black colour (on request)

SILVYN® OR

- PU= 10 m (on request)

■ Technical data

RAL	Colour delivered
	SILVYN® EF
	Grey
	SILVYN® OR
	Black
	Material
	SILVYN® EF
	Galvanized steel with PVC coat
	SILVYN® OR
	Galvanized steel with special PVC coat
	Range of temperature
	SILVYN® EF
	-25 °C up to +70 °C
	Briefly up to +90 °C
	SILVYN® OR
	-20 °C to +100 °C
	Briefly up to +120 °C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	PU ring in m
SILVYN® EF					
61722240	5/16"	10.1 x 14.4	65	10.1	50
61712470	3/8"	12.6 x 17.8	85	12.6	75
61712480	1/2"	16.0 x 21.1	110	16.0	60
61712490	3/4"	21.0 x 26.4	140	21.0	50
61712500	1"	26.5 x 33.1	170	26.5	30
61712510	1 1/4"	35.1 x 41.8	215	35.1	30
61712520	1 1/2"	40.3 x 47.8	250	40.3	15
61712530	2"	51.6 x 59.9	300	51.6	15
SILVYN® OR					
61712840	3/8"	12.6 x 17.8	85	12.6	75
61712850	1/2"	16.0 x 21.1	110	16.0	60
61712860	3/4"	21.0 x 26.4	140	21.0	50
61712870	1"	26.5 x 33.0	170	26.5	30
61712880	1 1/4"	35.1 x 41.8	215	35.1	30
61712890	1 1/2"	40.3 x 47.8	250	40.3	15
61712900	2"	51.6 x 59.9	300	51.6	15

■ Comparable products

SILVYN® EF

- SILVYN® HTDL see page 826
- SILVYN® OR see page 827
- Protective cable conduit system SILVYN® LTP see page 837

SILVYN® OR

- SILVYN® LTP see page 837
- SILVYN® HCX see page 828
- SILVYN® HFX see page 828

■ Accessories

- SILVYN® AMG-M/AMHW-M/AMW-M see page 829
- SILVYN® AMG/AMHW/AMW see page 830
- SILVYN® FDG/FDHW/FDW see page 831
- SILVYN® TB-E see page 832

SILVYN® HCX



SILVYN® HFX



■ Benefits

SILVYN® HCX

- Protection against liquids
- Tensile strength
- Robust
- Highly compression proofed
- Enhanced temperature resistance

SILVYN® HFX

- Highly compression proofed
- Robust
- Abrasion protection
- Protection against chemicals
- Protection against liquids

■ Application range

- Mechanical engineering
- Paper industry
- Measurement and control technology
- Railway applications
- Outdoors application

■ Product features

- UV resistant

■ Approvals (Norm references)



SILVYN® HFX

- SNCF

■ Design

SILVYN® HCX

- Spirally wound heavy metal protective conduit with roughenged profile
- Heat stabilized plastic outer sheet

SILVYN® HFX

- Spirally wound heavy metal protective conduit with roughenged profile
- PUR outer sheet

■ Note

- PU= 10 m (on request)

■ Technical data



Approvals

SILVYN® HCX

Railway: SNCF



On request

Longer lengths on drums, 10m coils available



Colour delivered

Black



Material

SILVYN® HCX

Metal with thermoplastic elastomer sheath

SILVYN® HFX

Metal with PUR sheath



Range of temperature

SILVYN® HCX

-55°C up to +145°C

Briefly up to +160°C

SILVYN® HFX

-45 °C up to +105 °C

Briefly up to +125°C

Part number	Article designation	Internal Ø x External Ø in mm	Dynamic bending radius mm	Inner Ø in mm	PU ring in m
SILVYN® HCX					
61744228	3/8"	12.6 x 17.8	85	12.6	30
61744229	1/2"	16.0 x 21.1	110	16.0	30
61744230	3/4"	21.0 x 26.4	140	21.0	30
61744231	1."	26.5 x 33.1	170	26.5	30
61744240	1 1/4"	35.1 x 41.8	215	35.1	15
61744242	1 1/2"	40.3 x 47.8	250	40.3	15
SILVYN® HFX					
64400200	5/16"	10.1 x 14.4	65	10.1	30
64400210	3/8"	12.6 x 17.8	85	12.6	30
64400220	1/2"	16.0 x 21.1	110	16.0	30
64400230	3/4"	21.0 x 26.4	140	21.0	30
64400240	1."	26.5 x 33.1	170	26.5	30
64400250	1 1/4"	35.1 x 41.8	215	35.1	15

■ Accessories

SILVYN® HCX

- SILVYN® AMG-M/AMHW-M/AMW-M see page 829
- SILVYN® AMG/AMHW/AMW see page 830
- SILVYN® FDG/FDHW/FDW see page 831
- SILVYN® TB-E see page 832

SILVYN® HFX

- SILVYN® AMG-M see page 829
- SILVYN® AMG see page 830
- SILVYN® TB-E see page 832

■ Benefits

SILVYN® AMG-M

- High tensile strength
- For heavy mechanical stress
- Increased sealing
- Easy unassembling

SILVYN® AMHW-M

- 45° elbow enabled best assembling
- High tensile strength
- For heavy mechanical stress
- Increased sealing
- Easy unassembling

SILVYN® AMW-M

- 90° elbow enabled best assembling
- High tensile strength
- For heavy mechanical stress
- Increased sealing
- Easy unassembling

■ Application range

SILVYN® AMG-M

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/HIPRO-JACKET
- Mechanical engineering
- Railway applications
- Outdoors application

SILVYN® AMHW-M

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/HIPRO-JACKET
- Mechanical engineering
- Railway applications
- For less space applications

SILVYN® AMW-M

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/HIPRO-JACKET
- Mechanical engineering
- Railway applications
- For less space applications

■ Approvals (Norm references)



SILVYN® AMG-M

- UL
- CSA

SILVYN® AMW-M

- UL
- CSA

■ Design

SILVYN® AMG-M

- Metrical connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

SILVYN® AMHW-M

- Metrical connection thread
- 45° hexagonal collar
- Inner sleeve
- Cap nut

SILVYN® AMW-M

- Metrical connection thread
- 90° hexagonal collar
- Inner sleeve
- Cap nut

■ Note

SILVYN® AMG-M

- Variation +145°C (on request)
- SILVYN® AMG-M 16/1 x 1,5 without UL/CSA approval

SILVYN® AMHW-M

- Variation +145°C (on request)

SILVYN® AMW-M

- Variation +145°C (on request)

■ Suitable conduits

- SILVYN® HTDL page 826
- SILVYN® HIPROJACKET page 825
- SILVYN® OR page 827
- SILVYN® HCX page 828
- SILVYN® HFX page 828

SILVYN® AMW-M / SILVYN® AMHW-M / SILVYN® AMG-M



■ Technical data

	Material
	Body: Nickel plated brass
	Sealing ring: Polyamid
	O-ring: NBR
	Degree of protection
	IP 67
	Range of temperature
	-45°C up to +105°C

Part number	Article designation	Anamet designation	SW mm	Suitable for SILVYN® EF/OR/HTDL/HCX/HFX	Pieces / PU
SILVYN® AMG-M straight					
55503240	16/1 x 1,5	812.016.0	26.0	5/16"	1
55503241	16/2 x 1,5	812.016.1	26.0	3/8"	1
55503242	20 x 1,5	812.020.1	29.0	1/2"	1
55503243	25 x 1,5	812.025.1	35.0	3/4"	1
55503244	32 x 1,5	812.032.1	45.0	1"	1
55503245	40 x 1,5	812.040.1	54.0	1 1/4"	1
55503246	50 x 1,5	812.050.1	62.0	1 1/2"	1
55503247	63 x 1,5	812.063.1	77.0	2"	1
SILVYN® AMHW-M 45°					
55503250	16 x 1,5	812.416.1	26.0	3/8"	1
55503251	20 x 1,5	812.420.1	29.0	1/2"	1
55503252	25 x 1,5	812.425.1	35.0	3/4"	1
55503253	32 x 1,5	812.432.1	45.0	1"	1
55503254	40 x 1,5	812.440.1	54.0	1 1/4"	1
55503255	50 x 1,5	812.450.1	62.0	1 1/2"	1
55503256	63 x 1,5	812.463.1	77.0	2"	1
SILVYN® AMW-M 90°					
55503260	16 x 1,5	812.916.1	26.0	3/8"	1
55503261	20 x 1,5	812.920.1	29.0	1/2"	1
55503262	25 x 1,5	812.925.1	35.0	3/4"	1
55503263	32 x 1,5	812.932.1	45.0	1"	1
55503264	40 x 1,5	812.940.1	54.0	1 1/4"	1
55503265	50 x 1,5	812.950.1	62.0	1 1/2"	1
55503266	1"	812.963.1	77.0	2"	1

■ Accessories

SILVYN® AMG-M

- SILVYN® HIPROJACKET CR see page 825

SILVYN® AMG



SILVYN® AMG

■ Benefits

- High tensile strength
- For heavy mechanical stress
- Increased sealing
- Easy unassembling
- 45° and 90° elbow enables best assembling

■ Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/HIPRO-JACKET
- Mechanical engineering
- Railway applications
- Outdoors application

■ Approvals (Norm references)



■ Design

- PG connection thread
- Hexagonal collar straight/ 45° elbow/ 90° elbow
- Inner sleeve
- Cap nut

■ Note

- Variation +145°C (on request)
- SILVYN® AMG 7/ 9/ 1 / 11/ 1 without UL/ CSA approval

■ Suitable conduits

- SILVYN® HTDL page 826
- SILVYN® HIPROJACKET page 825
- SILVYN® OR page 827
- SILVYN® HCX page 828
- SILVYN® HFX page 828

■ Technical data



Material

Body: Nickel plated brass
Sealing ring: Polyamid
O-ring: NBR



Degree of protection

IP 67



Range of temperature

-45°C up to +105°C

Part number	Article designation	Anamet designation	Wrench size mm	Suitable for SILVYN® EF/OR/HTDL/HCX/HFX	Pieces / PU
SILVYN® AMG straight					
55503305	AMG 7	810.007.1	22	1/4"	1
55503306	AMG 9 / 1	810.009.1	26	5/16"	1
55503307	AMG 9 / 2	810.010.1	26	3/8"	1
55503308	AMG 11 / 1	810.012.1	26	5/16"	1
55503309	AMG 11 / 2	810.011.1	26	3/8"	1
55503310	AMG 13,5	810.013.1	26	3/8"	1
55503311	AMG 16	810.016.1	29	1/2"	1
55503312	AMG 21	810.021.1	35	3/4"	1
55503313	AMG 29	810.029.1	45	1"	1
55503314	AMG 36	810.036.1	54	1 1/4"	1
55503315	AMG 42	810.042.1	63	1 1/2"	1
55503316	AMG 48	810.048.1	77	2"	1
SILVYN® AMHW 45°					
55503317	AMHW 11 / 1	810.412.1	26	5/16"	1
55503318	AMHW 11 / 2	810.411.1	26	3/8"	1
55503319	AMHW 13,5	810.413.1	26	3/8"	1
55503320	AMHW 16	810.416.1	29	1/2"	1
55503321	AMHW 21	810.421.1	35	3/4"	1
55503322	AMHW 29	910.429.1	45	1"	1
55503323	AMHW 36	810.436.1	54	1 1/4"	1
55503324	AMHW 42	810.442.1	63	1 1/2"	1
55503325	AMHW 48	810.448.1	77	2"	1
SILVYN® AMW 90°					
55503326	AMW 11 / 1	810.912.1	26	5/16"	1
55503327	AMW 11 / 2	810.911.1	26	3/8"	1
55503328	AMW 13,5	810.913.1	26	3/8"	1
55503329	AMW 16	810.916.1	29	1/2"	1
55503330	AMW 21	810.921.1	35	3/4"	1
55503331	AMW 29	810.929.1	45	1"	1
55503332	AMW 36	910.936.1	54	1 1/4"	1
55503333	AMW 42	810.942.1	63	1 1/2"	1
55503334	AMW 48	810.948.1	77	2"	1

■ Comparable products

- SILVYN® FDG/FDHW/FDW see page 831

SILVYN® FDG/FDHW/FDW



SILVYN® FDG/FDHW/FDW

Benefits

- High tensile strength
- For heavy mechanical stress
- Increased sealing
- Easy unassembling
- 45° elbow enabled best assembling

Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/HIPRO-JACKET
- Mechanical engineering
- Railway applications
- Outdoors application

Approvals (Norm references)



Design

- PG/NPT connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

Note

- Variation +145°C (on request)

Suitable conduits

- SILVYN® HTDL page 826
- SILVYN® HIPROJACKET page 825
- SILVYN® OR page 827
- SILVYN® HCX page 828
- SILVYN® HFX page 828

Technical data



Material
Gland body: cast steel with corrosion-resistant, galvanised and chromated surface.
Sealing ring: PA
Inside sleeve: steel



Degree of protection
IP 67



Range of temperature
-45°C up to +105°C

Part number	Article designation	Typ T & B	Min. internal Ø	SW mm	Suitable for SILVYN® EF/OR/HTDL/HCX/HFX	Pieces / PU
SILVYN® FDG						
52004329	9	7360	10.0	23	5/16"	1
52004330	11	7361	11.0	24	3/8"	1
52004360	13,5	7362	11.0	24	3/8"	1
52004390	16	7363	14.5	30	1/2"	1
52004420	21	7364	20.0	36	3/4"	1
52004450	29	7365	25.0	46	1."	1
52004480	36	7366	33.5	55	1 1/4"	1
52004510	42	7367	38.5	60	1 1/2"	1
52004540	48	7368	49.5	80	2."	1
SILVYN® FDG NPT thread						
52021580	1/2"	5331	11.0	26.0	3/8"	1
52021560	1/2"	5332	14.5	32.0	1/2"	1
52021570	3/4"	5333	20.0	41.0	3/4"	1
52021590	1."	5334	25.0	46.0	1."	1
52021600	1 1/4"	5335	33.5	55.0	1 1/4"	1
52021610	1 1/2"	5336	38.5	65.0	1 1/2"	1
52021611	2."	5337	49.5	80.0	2."	1
SILVYN® FDHW 45° angled						
52004560	11	7341	11.0	26	3/8"	1
52004590	13,5	7342	11.0	26	3/8"	1
52004620	16	7343	14.5	32	1/2"	1
52004650	21	7344	20.0	36	3/4"	1
52004680	29	7345	25.0	46	1."	1
52004710	36	7346	33.5	55	1 1/4"	1
52004770	48	7348	49.5	75	2."	1
SILVYN® FDHW 45° NPT thread						
52023290	1/2"	5341	11.0	28.0	3/8"	1
52021620	1/2"	5342	14.5	30.0	1/2"	1
52021630	3/4"	5343	20.0	41.0	3/4"	1
52021640	1."	5344	25.0	46.0	1."	1
52021650	1 1/4"	5345	33.5	55.0	1 1/4"	1
52021660	1 1/2"	5346	38.5	56.0	1 1/2"	1
52021661	2."	5347	49.5	75.0	2."	1
SILVYN® FDW 90° elbow						
52004790	11	7351	12.0	25	3/8"	1
52004820	13,5	7352	14.5	25	3/8"	1
52004850	16	7353	14.5	30	1/2"	1
52004880	21	7354	20.0	36	3/4"	1
52004910	29	7355	25.0	46	1."	1
52004940	36	7356	33.0	55	1 1/4"	1
52004970	42	7357	39.0	60	1 1/2"	1
52005000	48	7358	50.0	75	2."	1
SILVYN® FDW 90° NPT thread						
52021670	1/2"	5351	11.0	28.0	1	1
52021680	1/2"	5352	14.5	32.0	1	1
52023440	3/4"	5353	20.0	36.0	1	1
52021690	1."	5354	25.0	46.0	1	1
52023830	1 1/4"	55	33.5	55.0	1	1
52021710	1 1/2"	5356	38.5	60.0	1	1
52021711	2."	5357	49.5	75.0	1	1

Comparable products

- SILVYN® AMG see page 830

SILVYN® TB-E



■ Benefits

- Avoid cable damages

■ Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/HIPRO-JACKET
- Cover of the conduit's end

■ Approvals (Norm references)



■ Design

- Inner sleeve

■ Suitable conduits

- SILVYN® HTDL page 826
- SILVYN® OR page 827
- SILVYN® HCX page 828
- SILVYN® HFX page 828

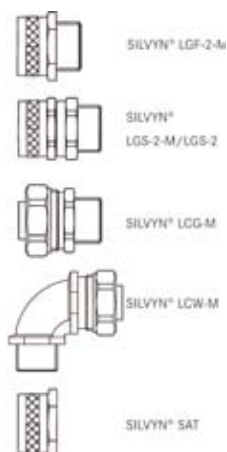
■ Technical data



Material
Steel

Part number	Article designation	Typ T & B	Suitable for Anaconda tubes	Pieces / PU
SILVYN® TB-E				
52024319	9	R 719 123	5/16"	50
52024320	11/13,5	R 719 101	3/8"	50
52024330	16	R 179 125	1/2"	50
52024340	21	R 179 126	3/4"	25
52024351	29	R 179 127	1"	25
52024361	36	R 179 128	1 1/4"	10

SILVYN® LCC-2



SILVYN® LCC-2

Benefits

- Protection against liquids
- Tensile strength
- Highly compression resistant
- Outdoor, direct burial
- For higher mechanical stress

- Everywhere where liquids are in the environment
- Applications with mechanical stress

Approvals (Norm references)



Application range

- Mechanical engineering
- Plant engineering
- Outdoors application

Design

- Spirally wound metal protective conduit with corrugated outer sheath
- PVC outer sheath

Technical data

RAL	Colour delivered
	RAL 9005 black
0-11	Range of temperature
	-20°C up to +70°C
	Briefly up to +100°C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	Suitable for SILVYN® LGF-2-M / LGS-2-M	Suitable for SILVYN® LGS-2	PU ring in m
SILVYN® LCC-2							
61804702	LCC-2/10	6.8 x 10.0	25	6.8	M 12 x 1,5	7	30
61804712	LCC-2/12	10.2 x 14.0	30	10.2	M 16/1 x 1,5	9	30
61804722	LCC-2/16	13.0 x 17.0	40	13.0	M16/2 + 20/1x1,5	11	30
61804732	LCC-2/20	16.9 x 21.5	45	16.9	M 20/2 x 1,5	13,5 + 16	30
61804742	LCC-2/25	21.1 x 26.0	55	21.1	M 25 x 1,5	21	30
61804752	LCC-2/32	28.1 x 34.0	70	28.1	M 32 x 1,5	29	30
61804762	LCC-2/40	37.6 x 44.5	80	37.6	M 40 x 1,5	36	10
61804772	LCC-2/50	48.4 x 55.0	90	48.4	M 50 x 1,5		10
61804792	LCC-2/63	57.5 x 64.5	115	57.5	M 63 x 1,5	48	10

Comparable products

- SILVYN® LCCH-2 see page 834

Accessories

- SILVYN® LGF-2-M see page 835
- SILVYN® LGS-2-M see page 835
- SILVYN® LGS-2 see page 835
- SILVYN® LCG-M see page 836
- SILVYN® LCW-M see page 836
- SILVYN® SAT

SILVYN® LCCH-2



SILVYN® LCCH-2



SILVYN® LGF-2-M

SILVYN®
LGS-2-M/LGS-2

SILVYN® LCG-M



SILVYN® LCW-M



SILVYN® SAT

■ Benefits

- Highly flame-retardant and self-extinguishing in accordance with UL94 V0
- Protection against liquids
- Highly compression proofed
- Outdoor, direct burial
- For higher mechanical stress

■ Application range

- Public utilities
- Mechanical engineering
- Outdoors application
- Everywhere where liquids are in the environment
- Applications with mechanical stress

■ Product features

- Halogen-free
- Low fumes
- Low toxicity

■ Approvals (Norm references)



RoHS

- UNDERGROUND
- LLOYD'S REGISTER

■ Design

- Spirally wound metal protective conduit with corrugated outer sheath
- Plastic outer sheet

■ Technical data



Colour delivered
RAL 9005 black



Material
Inner conduit: steel, galvanised
Outer sheath: plastic, halogen-free



Range of temperature
-25°C up to +90°C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	PU ring in m
SILVYN® LCCH-2					
61804793	LCCH-2 / 12	10.2 x 14.0	30	10.2	25
61804794	LCCH-2 / 16	13.0 x 17.0	40	13.0	25
61804795	LCCH-2 / 20	16.9 x 21.5	45	16.9	25
61804796	LCCH-2 / 25	21.1 x 26.0	55	21.1	25
61804797	LCCH-2 / 32	28.1 x 34.0	70	28.1	25
61804798	LCCH-2 / 40	37.6 x 44.5	80	37.6	10
61804799	LCCH-2 / 50	48.4 x 55.0	90	48.4	10

■ Accessories

- SILVYN® LGF-2-M see page 835
- SILVYN® LGS-2-M see page 835
- SILVYN® LGS-2 see page 835
- SILVYN® LCG-M see page 836
- SILVYN® LCW-M see page 836
- SILVYN® SAT

SILVYN® LGS-2 / SILVYN® LGS-2-M / SILVYN® LGF-2-M



■ Benefits

SILVYN® LGF-2-M

- For fixed applications
- High tensile strength
- Saving space

SILVYN® LGS-2-M

- For swivelable applications
- High tensile strength

SILVYN® LGS-2

- For swivelable applications
- High tensile strength
- Saving space

■ Application range

SILVYN® LGF-2-M

- In combination with protective conduit
- SILVYN® LCC-2
- SILVYN® LCCH-2
- Outdoors application
- Applications with mechanical stress

SILVYN® LGS-2-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LCC-2 / LCCH-2
- Outdoors application
- Applications with mechanical stress

SILVYN® LGS-2

- In combination with protective conduit
- Protective cable conduit system SILVYN® LCC-2 / LCCH-2
- Outdoors application
- Applications with mechanical stress

■ Approvals (Norm references)



■ Design

SILVYN® LGF-2-M

- Metric connection thread
- Hexagonal collar
- Cap nut

SILVYN® LGS-2-M

- Metric connection thread
- Hexagonal collar with swivel
- Cap nut

SILVYN® LGS-2

- PG connection thread
- Hexagonal collar with swivel
- Cap nut

■ Suitable conduits

- SILVYN® LCC-2 page 833
- SILVYN® LCCH-2 page 834

■ Technical data



Material
Nickel-plated brass

Degree of protection
IP 54

Part number	Article designation	Overall length C mm	Thread length D mm	SW mm	Suitable for SILVYN® LCC-2/LCCH-1	Pieces / PU
SILVYN® LGF-2-M						
55501981	12 x 1,5	21.0	8.0	13.0	10	10
55502001	16 x 1,5/1	23.0	8.0	17.0	12	10
55502002	16 x 1,5/2	25.0	10.0	20.0	16	10
55502021	20 x 1,5/1	25.0	10.0	22.0	16	10
55502022	20 x 1,5/2	26.3	10.0	24.0	20	10
55502031	25 x 1,5	32.5	10.0	29.0	25	10
55502041	32 x 1,5	36.8	13.0	38.0	32	10
55502051	40 x 1,5	39.0	14.0	48.0	40	4
55502061	50 x 1,5	42.0	15.0	58.0	50	4
55502071	63 x 1,5	50.0	18.0	70.0	63	1
SILVYN® LGS-2-M						
55501982	12 x 1,5	30.2	8.0	13.0	10	10
55502003	16 x 1,5/1	32.2	8.0	17.0	12	10
55502004	16 x 1,5/2	34.2	10.0	20.0	16	10
55502023	20 x 1,5/1	34.2	10.0	22.0	16	10
55502024	20 x 1,5/2	35.5	10.0	24.0	20	10
55502032	25 x 1,5	43.7	10.0	29.0	25	10
55502042	32 x 1,5	48.0	13.0	38.0	32	10
55502052	40 x 1,5	51.2	14.0	48.0	40	4
55502062	50 x 1,5	54.2	15.0	58.0	50	4
55502072	63 x 1,5	63.2	18.0	70.0	63	1
SILVYN® LGS-2						
55502710	7	32.0	7.0	13.0	10	10
55502720	9	38.0	10.0	17.0	12	10
55502730	11	38.0	10.0	22.0	16	10
55502740	13,5	39.0	12.0	24.0	20	10
55502750	16	44.0	12.0	24.0	20	10
55502760	21	50.0	12.0	29.0	25	10
55502770	29	56.0	12.0	38.0	32	10
55502780	36	59.0	12.0	48.0	40	4
55502790	48	61.2	16.0	70.0	63	1

SILVYN® LCG-M / SILVYN® LCW-M



SILVYN® LCG-M

SILVYN® LCW-M

■ Benefits

SILVYN® LCG-M

- High tensile strength
- Vibration protection
- Increased sealing

SILVYN® LCW-M

- 90° elbow enables best assembling
- High tensile strength
- Vibration protection
- Increased sealing

■ Application range

SILVYN® LCG-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LCC-2 / LCCH-2
- Applications with mechanical stress
- Everywhere where liquids are in the environment

SILVYN® LCW-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LCC-2 / LCCH-2

- For less space applications
- Everywhere where liquids are in the environment

■ Approvals (Norm references)



■ Design

SILVYN® LCG-M

- Metric connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

SILVYN® LCW-M

- Metric connection thread
- 90° hexagonal collar
- Inner sleeve
- Cap nut

■ Suitable conduits

- SILVYN® LCC-2 page 833
- SILVYN® LCCH-2 page 834

■ Technical data



Material

Body: Nickel plated brass
Sealing: PA compression seal

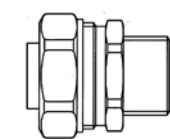


Degree of protection

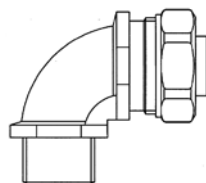
IP 65

Part number	Article designation	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® LCC-2/LCCH-2	Pieces / PU
SILVYN® LCG-M						
55503220	12 x 1,5	29.8	10.0	20 / 20	10	10
55503221	16 x 1,5/1	29.8	10.0	22 / 24	12	10
55503222	16 x 1,5/2	33.0	12.0	24 / 26	16	10
55503223	20 x 1,5/1	33.0	12.0	24 / 26	16	10
55503224	20 x 1,5/2	33.5	12.0	26 / 29	20	10
55503225	25 x 1,5	40.5	14.0	33 / 35	25	10
55503226	32 x 1,5	45.8	15.0	40 / 42	32	2
55503227	40 x 1,5	47.5	16.0	50 / 52	40	1
55503228	50 x 1,5	51.0	16.0	58 / 58	50	1
SILVYN® LCW-M						
55503234	16 x 1,5/1	31.0	10.0	20 / 24	12	10
55503235	16 x 1,5/2	31.0	10.0	20 / 26	16	10
55503230	20 x 1,5/1	36.0	13.0	24 / 26	16	10
55503231	20 x 1,5/2	37.0	13.0	24 / 29	20	10
55503232	25 x 1,5	44.0	14.0	30 / 35	25	10
55503233	32 x 1,5	53.0	15.0	36 / 42	32	2

SILVYN® LTP



SILVYN® LTPG-M
LTPS-M



SILVYN® LTPW-M



SILVYN® LTP

■ Benefits

- Protection against liquids
- Tensile strength
- Robust
- Highly compression proofed
- Widely oil and acid resistant

■ Application range

- Mechanical engineering
- Outdoors application
- Transformatorenbau
- Railway applications
- Paper industry

■ Approvals (Norm references)



■ Design

- Spirally wound heavy metal protective conduit with smooth PVC outer sheet

■ Suitable conduits

- SILVYN® HTDL page 826
- SILVYN® EF page 827
- SILVYN® OR page 827

■ Technical data

RAL	Colour delivered RAL 9005 black
	Material Steel, galvanised PVC sheath
	Range of temperature -20°C up to +105°C

Part number	Article designation	Internal Ø x External Ø in mm	Bending radius mm	Inner Ø in mm	PU ring in m
Protective cable conduit system SILVYN® LTP					
61805400	10	7.0 x 11.8	35	7.0	50
61805410	12	10.0 x 14.2	40	10.0	50
61805420	16	12.6 x 17.8	45	12.6	50
61805430	20	16.0 x 21.1	65	16.0	50
61805440	25	21.1 x 26.4	100	21.1	25
61805450	32	26.5 x 33.1	135	26.5	25
61805460	40	35.4 x 41.8	175	35.4	10
61805470	50	40.4 x 47.9	230	40.4	10
61805480	63	51.6 x 59.7	280	51.6	10

■ Accessories

- SILVYN® LTPG-M see page 838
- SILVYN® LTPW-M see page 838

SILVYN® LTPG-M / SILVYN® LTPS-M / SILVYN® LTPW-M



SILVYN® LTPG-M



SILVYN® LTPS-M



SILVYN® LTPW-M

■ Benefits

- High tensile strength
- Vibration protection
- Highly sealing

■ Application range

SILVYN® LTPG-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LTP
- Applications with mechanical stress
- Everywhere where liquids are in the environment

SILVYN® LTPS-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LTP
- Applications with mechanical stress
- Everywhere where liquids are in the environment

SILVYN® LTPW-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LTP
- Applications with mechanical stress
- Everywhere where liquids are in the environment
- For less space applications

■ Approvals (Norm references)



■ Design

SILVYN® LTPG-M

- Metric connection thread
- Hexagonal collar
- Inner sleeve
- Cap nut

SILVYN® LTPS-M

- Metric connection thread
- Hexagonal collar with swivel
- Inner sleeve
- Cap nut

SILVYN® LTPW-M

- Metric connection thread
- 90° hexagonal collar
- Inner sleeve
- Cap nut

■ Suitable conduits

- SILVYN® LTP page 837

■ Technical data



Material
Nickel plated brass
Polyamide



Degree of protection
IP 66 / 67 / 68 / 69 K

Part number	Article designation	Overall length C mm	Thread length D mm	SW 1/2 mm	Suitable for SILVYN® LTP	Pieces / PU
SILVYN® LTPG-M						
55510200	M12 x 1,5	29.8	10.0	20 / 20	10	10
55510210	M16 x 1,5/1	29.8	10.0	20 / 22	12	10
55510220	M16 x 1,5/2	33.0	10.0	24 / 26	16	10
55510230	M20 x 1,5/1	33.0	12.0	24 / 26	16	10
55510240	M20 x 1,5/2	33.5	12.0	26 / 29	20	10
55510250	M25 x 1,5	40.5	14.0	33 / 35	25	10
55510260	M32 x 1,5	45.8	15.0	40 / 42	32	2
55510270	M40 x 1,5	47.5	16.0	50 / 52	40	1
55510280	M50 x 1,5	51.0	16.0	58 / 58	50	1
55510290	M63 x 1,5	58.8	20.0	70 / 70	63	1
SILVYN® LTPS-M						
55510600	M16 x 1,5/1		10.0	20 / 22	12	10
55510610	M16 x 1,5/2		12.0	24 / 26	16	10
55510620	M20 x 1,5/1		12.0	24 / 26	16	10
55510630	M20 x 1,5/2		12.0	26 / 29	20	10
55510640	M25 x 1,5		14.0	33 / 35	25	10
55510650	M32 x 1,5		15.0	40 / 42	32	2
SILVYN® LTPW-M						
55510400	M16 x 1,5/1		10.0	20 / 24	12	10
55510410	M16 x 1,5/2		10.0	20 / 26	16	10
55510420	M20 x 1,5/1		13.0	24 / 26	16	10
55510430	M20 x 1,5/2		13.0	24 / 29	20	10
55510440	M25 x 1,5		14.0	30 / 35	25	10
55510450	M32 x 1,5		15.0	36 / 42	32	2
55510460	M40 x 1,5		18.0	46 / 52	40	1
55510470	M50 x 1,5		18.0	57 / 58	50	1
55510480	M63 x 1,5		20.0	72 / 70	63	1

SILVYN® CC01

Benefits

- Proper and safe cutting to length of plastic conduits

Application range

- Conduit shears for non-metallic conduit, e.g. parallel corrugated protective conduit.

Suitable conduits

- SILVYN® FPAS page 798
- SILVYN® HCC page 793
- SILVYN® RILL PA 6 page 780
- SILVYN® RILL PA6 SINUS page 809
- SILVYN® SPLIT page 807
- SILVYN® HIPROJACKET page 825
- SILVYN® RILL PA 12 page 781
- SILVYN® SI/SP/SP-PU page 755
- SILVYN® EL/ELÖ/ELT page 765



Part number	Article designation	Cutting range Ø mm	Pieces / PU
61722285	CC01	0 - 45	1
61722286	CC02	0 - 67	1

SILVYN® ANAC-WZ

Application range

- Cutting tools for metallic and non-metallic conduit
- For right angled sawing of protective metal conduits.
- For right angled sawing of protective metal conduits.

- SILVYN® SSUE page 820
- SILVYN® UI 511 page 822
- SILVYN® EDU-AS page 813
- SILVYN® EF page 827
- SILVYN® OR page 827
- SILVYN® AS-P page 815
- SILVYN® HCX page 828
- SILVYN® HFX page 828
- SILVYN® EMC AS-CU page 814



Suitable conduits

- SILVYN® HTDL page 826

Part number	Article designation	Saw range Ø mm	Pieces / PU
61722280	SAWING DEVICE WZ	18 - 45	1

Benefits

- Easy assembly
- Strain relief proofed connection
- Optimal extension for all conduits

Application range

- In combination with protective conduit
- All metric conduit glands

Technical data



On request

M75
PG sizes



Material

Nickel-plated brass



Range of temperature

Depending on glands used

SILVYN® BMC-M

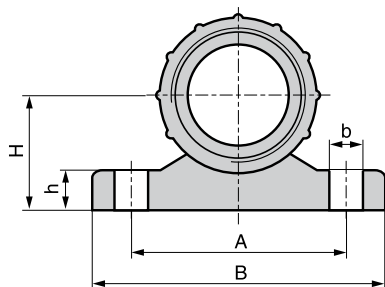


Approvals (Norm references)



Part number	Article designation	Connection thread M	Outer Ø mm	Overall length C mm	SW mm	Pieces / PU
SILVYN® BMC-M						
55510000	16	M16x1,5	22.0	22.5	20.0	10
55510010	20	M20x1,5	26.4	25.0	24.0	10
55510020	25	M25x1,5	31.9	30.0	29.0	10
55510030	32	M32x1,5	38.5	32.5	35.0	10
55510040	40	M40x1,5	53.0	34.0	48.0	2
55510050	50	M50x1,5	63.8	38.0	58.0	1
55510060	63	M63x1,5	77.0	45.0	70.0	1

SILVYN® BW-K-M



■ Benefits

- Saving space

■ Application range

- Mechanic engineering
- Plant engineering
- Switch cabinet building
- Everywhere where SILVYN® protective conduits can not inserted into a machine or appliance

■ Approvals (Norm references)



■ Design

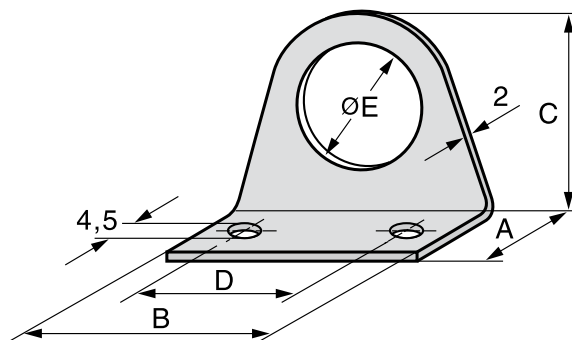
- Plastic fixing bracket
- 2 x bore hole for fixation

■ Technical data

RAL	Colour delivered
	Grey, RAL 7001
	Material
	PP
	Range of temperature
	-40°C up to +100°C

Part number	Connection thread M	A mm	B in mm	h mm	H	Hole-Ø mm	Pieces / PU
SILVYN® BW-K-M							
55000911	20 x 1,5	37.5	50.0	7.5	20.0	5,7	50
55000921	25 x 1,5	43.0	57.0	8.0	25.0	5,7	50
55000931	32 x 1,5	53.5	67.0	8.0	27.0	6,7	50
55000941	40 x 1,5	65.5	79.5	9.0	33.0	6,7	50
55000951	50 x 1,5	69.5	86.0	9.5	36.5	6,7	50

SILVYN® BW-M



SILVYN® BW-M

■ Benefits

- Saving space

■ Application range

- Mechanic engineering
- Plant engineering
- Switch cabinet building

- Everywhere where SILVYN® protective conduits can not inserted into a machine or appliance

■ Design

- Steel fixing bracket
- 2 x bore hole for fixation

■ Technical data

	Material
	Steel, passivated

Part number	Article designation	A mm	B in mm	Overall length C mm	D mm	E mm	Pieces / PU
SILVYN® BW-M							
55000531	16	20.0	50.0	33.2	40.0	17.0	25
55000541	20	20.0	50.0	38.0	40.0	21.0	25
55000551	25	20.0	60.0	46.9	50.0	26.0	25
55000561	32	20.0	70.0	56.9	60.0	33.0	25
55000571	40	20.0	80.0	67.0	70.0	41.0	25
55000572	50	20.0	90.0	78.4	80.0	51.0	25

SILVYN® RKS

Benefits

- Fast and easy mounting
- Universally useable

Application range

- Plant engineering
- Railway applications
- Automotive industry
- Mounting clamp for cables, conduits and pipes

Approvals (Norm references)



Technical data



Material
Steel, galvanised
Polychloroprene



Range of temperature
-35 °C up to +100 °C



Part number	Article designation	Metal width in mm	Width x thickness rubber profile mm	Diameter in mm	Hole-Ø mm	Support length mm	Pieces / PU
SILVYN® RKS 1							
61825170	6 / 12	12.0	15 x 1,2	6.0	5,3 (M5)	16.0	100
61825180	8 / 12	12.0	15 x 1,2	8.0	5,3 (M5)	17.0	100
61825190	10 / 12	12.0	15 x 1,2	10.0	5,3 (M5)	18.0	100
61825200	12 / 12	12.0	15 x 1,2	12.0	5,3 (M5)	19.0	100
61825210	13 / 15	15.0	18,5 x 1,5	13.0	6,4 (M6)	23.7	100
61825355	14 / 15	15.0	18,5 x 1,5	14.0	6,4 (M6)	24.2	100
61825365	15 / 15	15.0	18,5 x 1,5	15.0	6,4 (M6)	24.7	100
61825375	16 / 15	15.0	18,5 x 1,5	16.0	6,4 (M6)	25.2	100
61825040	18 / 15	15.0	18,5 x 1,5	18.0	6,4 (M6)	26.2	100
61825052	19 / 15	15.0	18,5 x 1,5	19.0	6,4 (M6)	26.7	100
61825380	20 / 15	15.0	18,5 x 1,5	20.0	6,4 (M6)	27.2	100
61825382	21 / 15	15.0	18,5 x 1,5	21.0	6,4 (M6)	27.7	100
61825050	22 / 15	15.0	18,5 x 1,5	22.0	6,4 (M6)	28.2	100
61825390	23 / 15	15.0	18,5 x 1,5	23.0	6,4 (M6)	28.7	100
61825392	24 / 20	20.0	25 x 1,5	24.0	8,4 (M8)	35.0	100
61825400	25 / 15	15.0	18,5 x 1,5	25.0	6,4 (M6)	29.7	100
61825402	26 / 15	15.0	18,5 x 1,5	26.0	6,4 (M6)	30.2	100
61825250	28 / 15	15.0	18,5 x 1,5	28.0	6,4 (M6)	31.2	100
61825255	30 / 15	15.0	18,5 x 1,5	30.0	6,4 (M6)	32.2	100
61825257	32 / 15	15.0	18,5 x 1,5	32.0	6,4 (M6)	33.2	100
61825259	34 / 15	15.0	18,5 x 1,5	34.0	6,4 (M6)	34.2	100
61825260	35 / 15	15.0	18,5 x 1,5	35.0	6,4 (M6)	34.7	100
61825262	36 / 20	20.0	25 x 1,5	36.0	8,4 (M8)	41.0	100
61825264	38 / 20	20.0	25 x 1,5	38.0	8,4 (M8)	42.0	100
61825295	40 / 20	20.0	25 x 1,5	40.0	8,4 (M8)	43.0	100

SILVYN® CHAIN Series Light



The lightweight with small diameters long traverse paths are also possible in connection with its guiding channel.

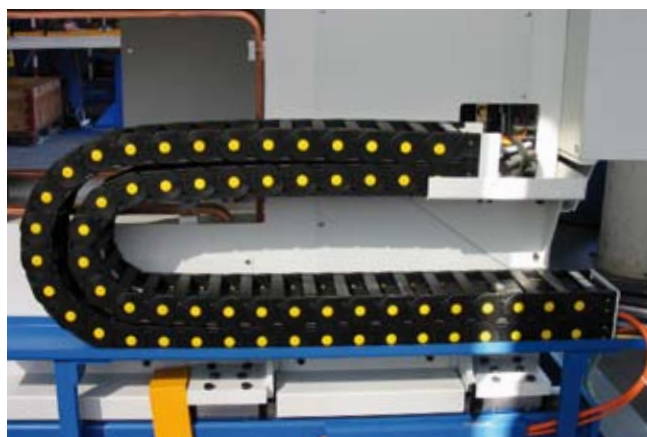
■ Characteristics

- Light applications
- Simple bolt system
- Inner height 12 – 25 mm
- 7 types

■ Application areas

- Automation
- Smaller robot gantries
- Textile equipment with long travel
- Printing equipment

SILVYN® CHAIN Series Medium



All purpose, due to its single pin, also for higher mechanical requirements. Specially for small and medium-size chains. Available closed or with foldable lid.

■ Characteristics

- Standard applications
- Tongue/groove system with yellow pin
- Inner height 18 – 76 mm
- 12 types, many widths

■ Application areas

- Automation
- Handling equipment
- CNC machines
- Medium sliding applications

SILVYN® CHAIN Series Heavy

RoHS ✓



The robust with triple pin for self-supporting lengths up to 6.5 m. Guarantees durability of wires and chains and a wide selection of various frame systems.

■ Characteristics

- Superior applications
- Tongue/groove system with yellow tripple pin
- Inner height 30 – 112 mm
- 12 types, many frame versions: Nylon, Aluminium, Inox

■ Application areas

- Automation with high travel frequency
- Outdoor equipment
- Movement with high lateral acceleration



SILVYN® CHAIN Series Sliding

RoHS ✓



Specialist for operation on very long travelling distances up to 400 meters. Chain links with shoes made of low-friction, low-wear plastics. System-completing channel constructions available for supporting and guiding the chain.

■ Characteristics

- Long sliding distances
- Tongue/groove system with yellow tripple pin
- Inner height 30 – 70 mm
- 12 types, many frame versions: Nylon, Aluminium, Inox

■ Application areas

- Sliding with high speed and high charge weight
- Long life-cycle applications (very long lifetime)



SILVYN® CHAIN Series Protection



RoHS ✓



Completely covered for extreme environments involving dust, wood and steel chips etc. Each chain link is fitted with removable covers – for very quick assembly or exchanging completed wires and conduits.

■ Characteristics

- Standard applications
- Tongue/groove system with yellow pin
- Inner height 35 – 76 mm
- 10 types, many with

■ Application areas

- Automation
- Dirty environment
- Machine tool centers

SILVYN® CHAIN Series Robot



RoHS ✓



Specialist in rotary motion (over 360°) for example in welding and painting robots manipulators, assembling units, etc. Available in nine versions. Each chain link has folding traverses for simple assembly of wires and tubes.

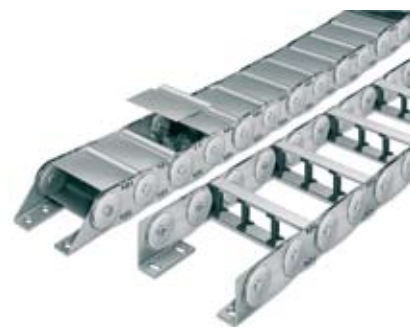
■ Characteristics

- Rotative applications
- Tongue / groove system patented element construction
- Inner height 35 – 60 mm
- Standard rotation angle up to 200° Guided rotation angle up to 400°
- 6 types

■ Application areas

- Welding robots
- Painting robots
- Handling robots

SILVYN® CHAIN Series Steel



The hardliner. For all applications not allowing the use of a plastic chain, for example in steel works, foundries, on machine tools and oil-rigs.

Made of galvanized steel with drilled aluminium frames or steel separators (adjustable separators). Available in stainless steel AISI 316 if required.

■ Characteristics

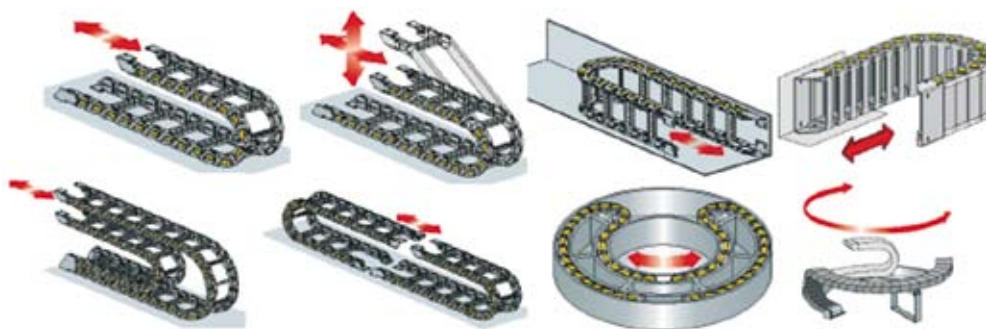
- Highest load capacity
- Highest chemical resistance
- Tongue/groove system in metal
- Inner height 32 – 182 mm
- 5 standard types
- Customised versions

■ Application areas

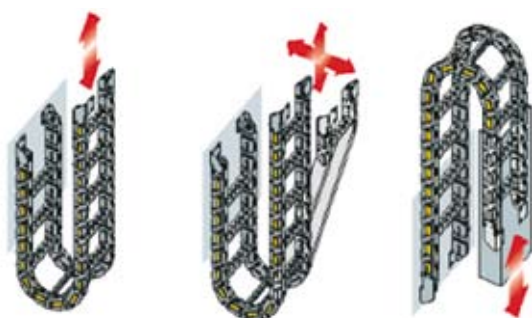
- Steel mills/steel works
- Off-Shore
- Long-travel machining centers
- Heavy duty environment

SILVYN® CHAIN Installation types

Horizontal



Vertical



SILVYN® CHAIN Cable protection and guiding systems

As a system provider, we offer one-stop complete systems such as cable guiding systems and suitable wires.

Lapp Kabel FD wires are a synonym for highly flexible drag chain cables in machine tools, building installations and apparatus, basically, in all places where moved

wires are used. Designed for maximum continuous use in the drag chain. Many types available.

Picture of cable and wires	Description of cables and wires	Area of application
	ÖLFLEX® SERVO FD	Electronic drive engineering
	Wires according to renowned manufacturers' standards	Electronic drive engineering
	ÖLFLEX® FD	Measuring, drive and control technology
	UNITRONIC® FD	Analogue and digital signal transmission
	Coaxial FD cable	High-frequency transmission
	ÖLFLEX® CRANE NSHTÖU/ÖLFLEX® CRANE	Power, MSR technology, exterior
	HITRONIC® POF FD	Signal transmission via fibre optics

Overall summary selection see table A2.

