

Plastic protective cable conduit systems

SILVYN® SI/SP/SP-PU/BRAID
SILVYN® EL/ELÖ/ELT
SILVYN® FPS/FD-PU

758
769
774

Metal protective cable conduit systems

SILVYN® AS/EDU-AS/AS-P

777

Plastic protective cable conduit systems

SILVYN® SI/SP/SP-PU
SILVYN® FPS/FD-PU

779
780

Parallel corrugated protective cable conduit systems

SILVYN® RILL
SILVYN® HCC
SILVYN® FPAS
Protective cable conduit system SILVYN® MAXI PA
SILVYN® SPLIT
SILVYN® RILL PA6 SINUS

782
794
797
806
808
811

Metal protective cable conduit systems

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

812
820
822

Impermeable protective cable conduit systems

Protective cable conduit system SILVYN® CNP
Impermeable conduits
Protective cable conduit system SILVYN® LCC-2 / LCCH-2
Protective cable conduit system SILVYN® LTP

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SILVYN® processing tools

Cutting tools for protective cable conduit systems
SILVYN® mounting angles
SILVYN® conduit cable clamps

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SILVYN®

Protective cable conduit- and cable carrier systems



Plastic protective cable conduit systems

SILVYN characteristics	757
SILVYN® SI/SP/SP-PU/BRAID	
SILVYN® BRAID PA6 / SILVYN® SNAP PET /	
SILVYN® SHRINK BRAID PET	New 758
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SILVYN® EL/ELÖ/ELT	
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SILVYN® ELT	New 771
SILVYN® MPC / SILVYN® MPC-M	New 772
SILVYN® MPC 90° / SILVYN® MPC 90° M	New 773
SILVYN® FPS/FD-PU	
SILVYN® FPS	774
SILVYN® FD-PU	775
SILVYN® MSK-M EE	776

Metal protective cable conduit systems

SILVYN® AS/EDU-AS/AS-P	
SILVYN® US-M	777
SILVYN® US	778

Plastic protective cable conduit systems

SILVYN® SI/SP/SP-PU	
SILVYN® USK-M	779
SILVYN® FPS/FD-PU	
SILVYN® LKI / SILVYN® LKI-M	780
SILVYN® EE-K	781

Parallel corrugated protective cable conduit systems

SILVYN® RILL	
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SILVYN® KLICK-GM	784
SILVYN® KLICK 90° M	785
SILVYN® KLICK GPZ-M	786
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SILVYN® KLICK-S / SILVYN® KLICK-D / SILVYN® KLICK-V	792
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SILVYN® HCC	
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SILVYN® FPAS	
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SILVYN® FLEXILOK PG / SILVYN® FLEXILOK M	801
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SILVYN® FCL	804
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SILVYN® KSE-M	805
Protective cable conduit system SILVYN® MAXI PA	
SILVYN® MAXI PA	806
SILVYN® AFW-PA / SILVYN® gasket AFG-PA / AFW-PA /	
SILVYN® AFG-PA	807

SILVYN® SPLIT

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SILVYN® SPLIT COS / SILVYN® SPLIT GMP-M /	
SILVYN® SPLIT COV	809
SILVYN® SPLIT GMP-M	New 810
SILVYN® RILL PA6 SINUS	
SILVYN® RILL PA6 SINUS	811

Metal protective cable conduit systems

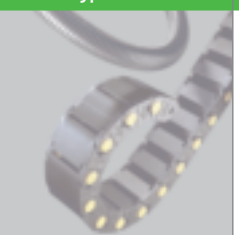
SILVYN® AS/EDU-AS/AS-P	
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Protective cable conduit system SILVYN® SSUE	
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Impermeable protective cable conduit systems

Protective cable conduit system SILVYN® CNP	
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SILVYN® FDG/FDHW/FDW	831
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Protective cable conduit system SILVYN® LCC-2 / LCCH-2	
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SILVYN® LGS-2 / SILVYN® LGS-2-M / SILVYN® LGF-2-M	836
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Protective cable conduit system SILVYN® LTP	
SILVYN® LTP	838
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SILVYN® processing tools

Cutting tools for protective cable conduit systems	
SILVYN® CC01	840
SILVYN® ANAC-WZ	840
SILVYN® BMC-M	840
SILVYN® mounting angles	
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SILVYN® conduit cable clamps	
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Overview cables for power chain application	847
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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® BRAID PA6	4,0 – 32,0	-55 °C to +125° C	Polyamide 6	🟢	🟡	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟢	-
SILVYN® SNAP PET	25,0	-55 °C to +150° C	Polyester	🟢	🟡	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟡	🟢	-
SILVYN® SHRINK BRAID PET	6,0 – 35,0	-55 °C to +125° C	Polyamide 6	🟢	🟡	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟡	🟢	-
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	-20 °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
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 PA 12	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® SSUE	6.8 – 28.1	-50 °C to +400 °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® FG	12,6 – 51,6	-20 °C to +80 °C	Galvanized Steel, PVC-mix special sheath	🟢	🟢	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟡	🟢	FDA
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® LTP	10.0 – 63.0	-20 °C to +105 °C	Galvanized Steel, Coating Soft PVC	🟢	🟢	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟡	🟢	Lloyds

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

New

SILVYN® BRAID PA6 / SILVYN® SNAP PET / SILVYN® SHRINK BRAID PET



SILVYN® BRAID PA6



SILVYN® SNAP PET



SILVYN® SHRINK BRAID PET

■ Benefits

SILVYN® BRAID PA6

- Protection against dust
- Abrasion protection
- Cut into length without frizzle on the conduit's end
- Simple, fast cable bundling
- Can be cut without the need for a thermo-cutting tool

SILVYN® SNAP PET

- Protection against dust
- Cables can be guided in or out of the SILVYN SNAP at any point.
- Tidies away cables
- Simple, fast cable bundling
- Self-wrapping

SILVYN® SHRINK BRAID PET

- Protection against dust
- Additional abrasion protection for critical areas
- Cut into length without frizzle on the conduit's end
- Simple, fast cable bundling

■ Application range

SILVYN® BRAID PA6

- Easy cable protection
- Additional insulation
- Bundling and guiding of cables and wires
- Low rodent-protection

SILVYN® SNAP PET

- Easy cable protection
- Bundling and guiding of cables and wires
- Cable harness

SILVYN® SHRINK BRAID PET

- Easy cable protection
- Additional insulation
- Bundling and guiding of cables and wires
- Rodent-protection

■ Product features

SILVYN® BRAID PA6

- Abrasion-resistant
- Flexible
- Can be cut at cold temperatures

SILVYN® SNAP PET

- Abrasion-resistant
- Flexible
- Abrasion-resistant
- Self-wrapping
- Cut longitudinally

SILVYN® SHRINK BRAID PET

- Abrasion-resistant
- Flexible
- Shrinkable
- Shrinking ratio: 2:1
- Maximum length lost after shrinkage is less than 15 %

■ Approvals



■ Design

SILVYN® BRAID PA6

- Polyamide 6.6 - halogen-free

SILVYN® SNAP PET

- Polyester - PET with shrinkable Polyolefin fibres

SILVYN® SHRINK BRAID PET

- Polyester - PET with shrinkable Polyolefin fibres

■ Suitable tools

SILVYN® BRAID PA6

- SILVYN® CC01 refer to page 840
- 501 multipurpose shears refer to page [P1242]
- Multipurpose shears A and B refer to page 902

SILVYN® SNAP PET

- SILVYN® CC01 refer to page 840

SILVYN® SHRINK BRAID PET

- Cutting tools for various applications refer to page 902
- SILVYN® CC01 refer to page 840



Info

- Cut into length without frizzle on the conduit's end
- Saves time

■ Technical data



Upon request

SILVYN® BRAID PA6

Bulk containers on rolls

SILVYN® SHRINK BRAID PET

Bulk containers on rolls



Note

SILVYN® BRAID PA6

Halogen and cadmium-free

Self-extinguishing according to DIN 75200/ FMVSS302 and DIN5510

SILVYN® SNAP PET

Halogen and cadmium-free

Self-extinguishing in acc. UL 94 V0

SILVYN® SHRINK BRAID PET

No dielectric strength

Self-extinguishing according to DIN 75200/ FMVSS302 and DIN5510



Colour delivered

SILVYN® BRAID PA6

Black (RAL 9005), UV-resistant

SILVYN® SNAP PET

Black, white, grey, orange

SILVYN® SHRINK BRAID PET

Black (RAL 9005), UV-resistant



Material

SILVYN® BRAID PA6

Polyamide 6.6 - halogen-free

SILVYN® SNAP PET

Polyester - PET braid sidewise rolled up

SILVYN® SHRINK BRAID PET

Polyamide 6.6 - halogen-free



Temperature range

SILVYN® BRAID PA6

-55°C to +125°C

SILVYN® SNAP PET

-55°C to +150°C

SILVYN® SHRINK BRAID PET

-55°C to +125°C

Article number	D (mm)	Clamping range (mm)	PU (m)
SILVYN® BRAID PA6			
61721260		4.0 - 10.0	20
61721261		10.0 - 14.0	15
61721262		14.0 - 24.0	15
61721263		14.0 - 24.0	10
61721264		18.0 - 26.0	10
61721265		32.0 - 44.0	5
SILVYN® SNAP PET			
61721280	25.0		25
61721281	25.0		25
61721283	25.0		25
61721282	25.0		25
SILVYN® SHRINK BRAID PET			
61721270	27.0	6.0 - 12.0	5
61721271	48.0	12.0 - 25.0	5
61721272	56.0	15.0 - 30.0	5
61721274	115.0	35.0 - 70.0	5
61721273	86.0	25.0 - 50.0	5

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com

SILVYN® SI



SILVYN® SI

Benefits

- Protection against dust
- Protection against humidity
- Low abrasion protection

Application range

- Easy cable protection
- Additional insulation
- Bundling and guiding of cables and wires

Product features

- Flexible
- Soft

Approvals



Design

- Soft PVC conduit

Technical data



Note

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



Colour delivered

Silver grey (RAL 7001)



Material

Soft PVC



Temperature range

-5°C to +80°C

Article number	Internal Ø x external Ø (mm)	Inner Ø (mm)	Suitable for SILVYN® SSV-M/SSVZ-M	Suitable for SILVYN® SSV/SSVZ	Suitable for SILVYN® SCH	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SILVYN® SSV-M refer to page 762
- SILVYN® SSVZ-M refer to page 763
- SILVYN® MPC-M refer to page 772
- SILVYN® MPC refer to page 772
- SILVYN® MPC 90° M refer to page 773
- SILVYN® MPC 90° refer to page 773
- SILVYN® SSV refer to page 766
- SILVYN® SSVZ refer to page 767
- SILVYN® SCH refer to page 768

SILVYN® SP



SILVYN® SP



Benefits

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

Application range

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

Product features

- Flexible
- Dimensionally stable

Approvals



Design

- Hard PVC inner spiral
- Soft PVC outer sheath

Note

- Black (RAL 9005) is available upon request

Technical data



Colour delivered
Silver grey (RAL 7001)



Material
Soft PVC with hard PVC spiral, SBR/NBR



Temperature range
-15 °C to +60 °C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (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 (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
61714090	50.0 x 56.0	270	50.0	63 / 63/48/50	50 x 1,5	48,1	48	40 - 60 S	25

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® SP-PU refer to page 761

Accessories

- SILVYN® SSV-M refer to page 762
- SILVYN® SSVZ-M refer to page 763
- SILVYN® USK-M refer to page 764
- SILVYN® MPC-M refer to page 772
- SILVYN® MPC refer to page 772
- SILVYN® MPC 90° M refer to page 773
- SILVYN® MPC 90° refer to page 773
- SILVYN® USK refer to page 765
- SILVYN® SSV refer to page 766
- SILVYN® SSVZ refer to page 767
- SILVYN® SCH refer to page 768

SILVYN® SP-PU



SILVYN® SP-PU

Benefits

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

Application range

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

Product features

- Tear-resistant
- Oil and petrol-resistant
- Plasticiser-free
- Resistant to microbes
- Dimensionally stable

Approvals



Design

- Hard PVC inner spiral
- Polyurethane outer sheath

Technical data

	Colour delivered Black (RAL 9005), UV-resistant
	Material PUR with hard PVC spiral
	Temperature range -20 °C to +90 °C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (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 (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

Photographs are not to scale and do not represent detailed images of the respective products.

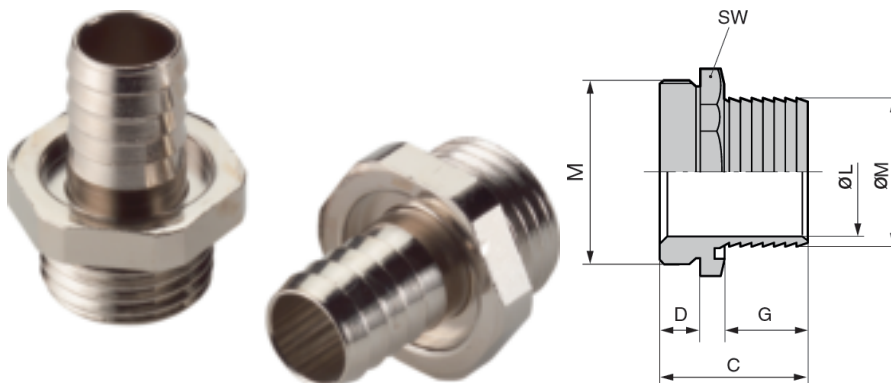
Similar products

- SILVYN® FD-PU refer to page 775

Accessories

- SILVYN® SSV-M refer to page 762
- SILVYN® SSVZ-M refer to page 763
- SILVYN® USK-M refer to page 764
- SILVYN® MPC-M refer to page 772
- SILVYN® MPC refer to page 772
- SILVYN® MPC 90° M refer to page 773
- SILVYN® MPC 90° refer to page 773
- SILVYN® USK refer to page 765
- SILVYN® SSV refer to page 766
- SILVYN® SSVZ refer to page 767
- SILVYN® SCH refer to page 768

SILVYN® SSV-M



SILVYN® SSV-M

■ Benefits

- Conduit gland with high tensile strength for plastic conduits

■ Application range

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

■ Product features

- High-tensile
- Robust
- Compact design

■ Approvals



■ Design

- Metric connection thread
- Conduit entry with special grip profile

■ Note

- Necessary conduit clamp SILVYN® SCH

■ Suitable conduits

- SILVYN® SI Page 759
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

■ Technical data



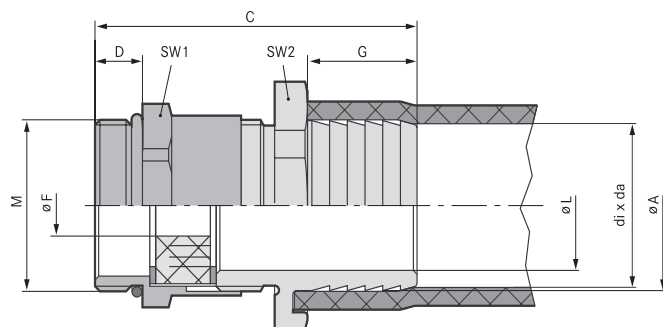
Material

Body: nickel-plated brass
O-ring: NBR

Article 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 / 1 x 1.5	8.0	25.0	8.0	19.0	10 - 16 S	11 x 14	10 x 14	10 x 14	50
52002839	16 / 2 x 1.5	10.0	25.0	8.0	19.0	12 - 20 S	13 x 16	12 x 16	12 x 16	50
52002841	20 / 1 x 1.5	12.0	25.0	8.0	22.0	16 - 25 S	14 x 18			50
52002842	20 / 3 x 1.5	15.5	25.0	8.0	25.0	20 - 32 S	18 x 23			50
52002843	25 x 1.5	19.0	29.5	8.5	32.0	20 - 32 S	23 x 28	22 x 27	22 x 27	25
52002844	32 x 1.5	27.0	32.5	9.5	40.0	32 - 50 S	32 x 38	30 x 36	30 x 36	25
52002845	40 x 1.5	34.0	36.0	11.0	50.0	32 - 50 S		38 x 44	38 x 44	10
52002846	50 x 1.5	41.0	39.0	12.0	57.0	40 - 60 S		45 x 51		5
52002847	63 x 1.5	46.0	43.0	12.0	67.0	40 - 60 S		50 x 56		5

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® SSVZ-M



SILVYN® SSVZ-M

Benefits

- Conduit gland with high tensile strength for plastic conduits
- High-tensile cable protection

Application range

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

Product features

- High-tensile
- Robust
- Compact design
- Cable strain relief
- Cable sealing

Approvals



Design

- Metric 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 759
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

Technical data



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



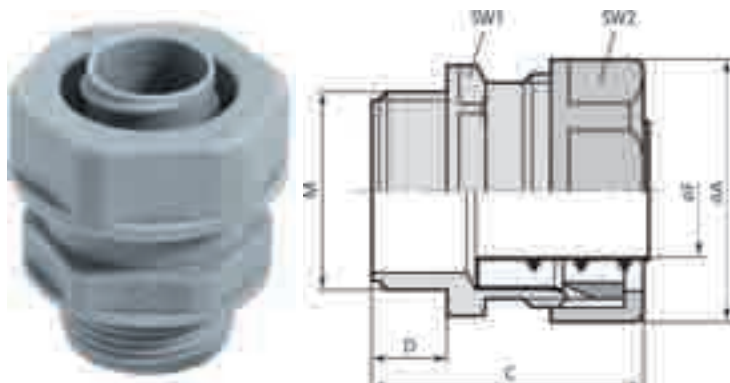
Temperature range
-20°C to +80°C

Article 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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Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® USK-M



SILVYN® USK-M

■ Benefits

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

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Indoor applications
- Light mechanical stress

■ Product features

- Large wrench sizes

■ Design

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

■ Note

- Included: SILVYN® EE-K inner sleeve

■ Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® FD-PU Page 775
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

■ Technical data

RAL Colour delivered
Silver grey (RAL 7001)

Material
PP

IP Protection rating
IP 54

Temperature range
-10°C to +110°C

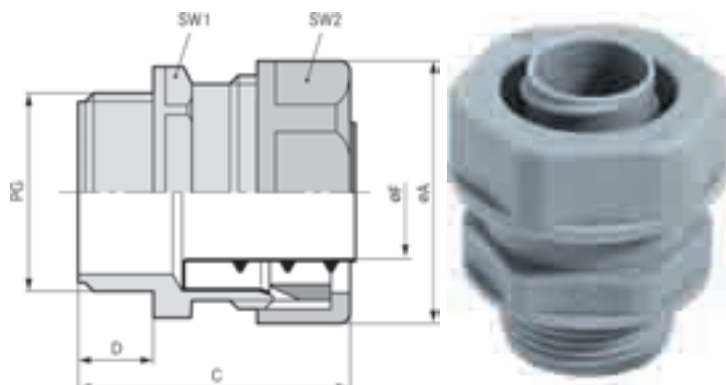
■ Approvals



Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® USK



SILVYN® USK

■ Benefits

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

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Indoor applications
- Light mechanical stress

■ Product features

- Large wrench sizes

■ Design

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

■ Note

- Included: SILVYN® EE-K inner sleeve

■ Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® FD-PU Page 775
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

■ Technical data

RAL Colour delivered
Silver grey (RAL 7001)

Material
PP

IP Protection rating
IP 54

Temperature range
-10°C to +110°C

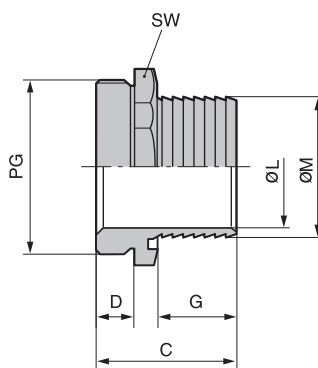
■ Approvals



Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® SSV



SILVYN® SSV

■ Benefits

- Conduit gland with high tensile strength for plastic conduits

■ Application range

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

■ Product features

- High-tensile
- Robust
- Compact design

■ Approvals



■ Design

- PG connection thread
- Conduit entry with special grip profile

■ Note

- Necessary conduit clamp SILVYN® SCH

■ Suitable conduits

- SILVYN® SI Page 759
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

■ Technical data



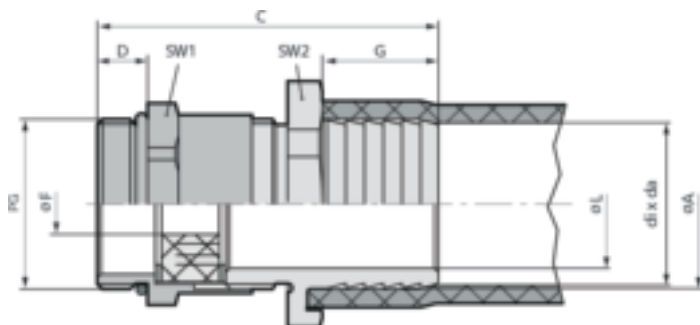
Material

Body: nickel-plated brass
O-ring: NBR

Article number	Article designation	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	SILVYN SSV PG 9/1	9	8.0	25.0	5.5	19.0	10 - 16 S		10 x 14	10 x 14	100
53800020	SILVYN SSV PG 9/2	9	10.0	25.0	5.5	19.0	12 - 20 S		12 x 16	12 x 16	100
52003080	SILVYN SSVZ PG 11/1	11	12.0	25.0	6.0	22.0	16 - 25 S		14 x 18	14 x 18	50
52024560	SILVYN SSVZ PG 11/1	11	14.0	25.0	6.0	22.0	16 - 25 S		16 x 20	16 x 20	50
52003090	SILVYN SSV PG 13,5	13.5	15.5	27.5	6.5	25.0	20 - 32 S	18 x 22			50
52003100	SILVYN SSV PG 13,5	16	19.0	27.5	7.5	30.0	20 - 32 S		22 x 27	22 x 27	25
52003110	SILVYN SSV PG 21	21	21.0	30.0	8.0	32.0	20 - 32 S	23 x 28			25
53800080	SILVYN SSV PG 29/1	29	27.0	33.0	9.5	40.0	25 - 40 S		30 x 36	30 x 36	25
52024640	SILVYN SSV PG 29/2	29	30.0	33.0	9.5	42.0	32 - 50 S	32 x 38			25
52002980	SILVYN SSV PG 36	36	34.0	37.0	12.0	52.0	32 - 50 S		38 x 44	38 x 44	10
52002990	SILVYN SSV PG 42	42	41.0	41.0	14.0	57.0	40 - 60 S		45 x 51		5
52013000	SILVYN SSV PG 48	48	46.0	44.0	14.0	64.0	40 - 60 S		50 x 56		5

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SILVYN® SSVZ



SILVYN® SSVZ

Benefits

- Conduit gland with high tensile strength for plastic conduits
- High-tensile cable protection

Application range

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

Product features

- High-tensile
- Robust
- Compact design
- Cable strain relief
- Cable sealing

Approvals



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 759
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

Technical data



Upon 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



Temperature range

-20 °C to +80 °C

Article number	Article designation	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	SILVYN SSVZ PG 9/1	9.1	8.0	39.1	6.0	19 / 17	10 - 16 S		10 x 14	10 x 14	50
52021080	SILVYN SSVZ PG 9/2	9.2	10.0	39.1	6.0	19 / 17	12 - 20 S		12 x 16	12 x 16	50
52003020	SILVYN SSVZ PG 11/1	11.1	12.0	39.6	6.0	22 / 20	16 - 25 S		14 x 18	14 x 18	50
52024670	SILVYN SSVZ PG 11/2	11.2	14.0	39.6	6.0	22 / 20	16 - 25 S		16 x 20	16 x 20	50
52003030	SILVYN SSVZ PG 13,5	13.5	15.5	43.1	6.5	25 / 22	20 - 32 S	18 x 22			50
52003040	SILVYN SSVZ PG 16	16.1	19.0	44.1	6.5	30 / 24	20 - 32 S		22 x 27	22 x 27	25
52003050	SILVYN SSVZ PG 21	21.1	21.0	48.1	7.0	32 / 30	20 - 32 S	23 x 28			25
52003060	SILVYN SSVZ PG 29/1	29.1	27.0	53.6	8.0	40 / 40	25 - 40 S		30 x 36	30 x 36	25
52024680	SILVYN SSVZ PG 29/2	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 various conduit sizes with one clamp

■ Application range

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

■ Product features

- Variable range of clamping force

■ Approvals



■ Design

- Galvanized steel ring
- Worm gear drive

■ Suitable conduits

- SILVYN® SI Page 759
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

■ Technical data



Material
Steel, galvanized

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® SSV-M refer to page 762
- SILVYN® SSVZ-M refer to page 763
- SILVYN® SSV refer to page 766
- SILVYN® SSVZ refer to page 767

New

SILVYN® EL



SILVYN® EL

■ Benefits

- Easy assembly of cables and wires
- Bendable
- Crush-resistant
- A fully insulated system when used in combination with SILVYN® MPC/MPC-M

■ Application range

- Mechanical engineering
- Vehicle construction
- Vending machine construction
- Exporters

■ Product features

- Flexible
- Smooth inner wall
- Dimensionally stable

■ Approvals



- UL FILENUMBER E308201

■ Design

- Integrated hard PVC spiral
- Soft PVC outer sheath

■ Note

- On request

■ Technical data

	Colour delivered Silver grey (RAL 7001)
	Material Special soft PVC sheath with hard PVC spiral
	Temperature range -20 °C to +70 °C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® MPC-M/MPC 90°M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU ring (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	48		30
61747440	50.0 x 57.2	85	50.0	63 x 1,5	48		30

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

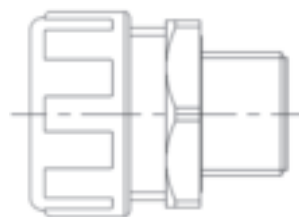
- SILVYN® ELÖ refer to page 770
- SILVYN® ELT refer to page 771

■ Accessories

- SILVYN® MPC-M refer to page 772
- SILVYN® MPC refer to page 772
- SILVYN® MPC 90° M refer to page 773
- SILVYN® MPC 90° refer to page 773

New

SILVYN® ELÖ



SILVYN® ELÖ

■ Benefits

- Resistant to grease, cooling agents and oils, especially ASTM2 testing oil
- Easy assembly of cables and wires
- Bendable
- Crush-resistant
- A fully insulated system when used in combination with SILVYN® MPC/MPC-M

■ Application range

- Mechanical engineering
- Machine tools
- Vending machine construction
- Applications with strong chemical influences

■ Product features

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

■ Approvals



- UL FILE NUMBER E308201

■ Design

- Integrated hard PVC spiral
- Special soft PVC sheath

■ Technical data



Colour delivered
Green (RAL 6001)



Material
Special soft PVC sheath with hard PVC spiral



Temperature range
-20 °C to +70 °C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® MPC-M/MPC 90°M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU ring (m)
SILVYN® ELÖ							
61751610	10.0 x 14.7	20	10.0	12 x 1,5	9	9	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	21	21	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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

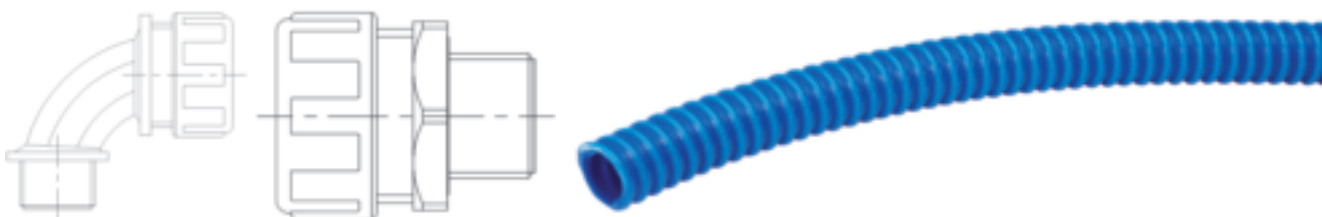
- SILVYN® EL refer to page 769
- SILVYN® ELT refer to page 771

■ Accessories

- SILVYN® MPC-M refer to page 772
- SILVYN® MPC refer to page 772
- SILVYN® MPC 90° M refer to page 773
- SILVYN® MPC 90° refer to page 773

New

SILVYN® ELT



SILVYN® ELT

■ Benefits

- Heat-resistant
- Easy assembly of cables and wires
- Bendable
- Crush-resistant
- A fully insulated system when used in combination with SILVYN® MPC/MPC-M

■ Application range

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

■ Product features

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

■ Approvals



- UL FILE NUMBER E308201

■ Design

- Integrated hard PVC spiral
- Modified soft PVC sheath

■ Technical data

RAL	Colour delivered Blue (RAL 5012)
	Material Special soft PVC sheath with hard PVC spiral
	Temperature range -20 °C to +90 °C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU ring (m)
SILVYN® ELT							
61751700	10.0 x 14.7	20	10.0	12 x 1,5	9	9	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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® EL refer to page 769
- SILVYN® ELÖ refer to page 770

■ Accessories

- SILVYN® MPC-M refer to page 772
- SILVYN® MPC refer to page 772
- SILVYN® MPC 90° M refer to page 773
- SILVYN® MPC 90° refer to page 773

New

SILVYN® MPC / SILVYN® MPC-M



■ Benefits

- Can be used universally
- 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
- High-tensile

■ Approvals



- UL FILENUMBER E308201

■ 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 769
- SILVYN® SI Page 759
- SILVYN® ELÖ Page 770
- SILVYN® SP Page 760
- SILVYN® ELT Page 771
- SILVYN® SP-PU Page 761

■ Technical data



Upon request
With 45° elbow



Colour delivered
Black (RAL 9005), UV-resistant



Material
PA66
Halogen-free



Protection rating
IP 65



Temperature range
-50°C to +135°C

Article number	Article designation	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 black								
55502460	SILVYN MPC M16/1		16 x 1.5	8.0	11 x 14		10 x 14.7	10
55502461	SILVYN MPC M16/2		16 x 1.5	11.0	13 x 16	12 x 16	12 x 16,6	10
55502462	SILVYN MPC-M 20/1		20 x 1.5	14.0	13 x 16	12 x 16	12 x 16,6	10
55502463	SILVYN MPC M20/2		20 x 1.5	14.0		16 x 20	16 x 20,7	10
55502464	SILVYN MPC M25		25 x 1.5	19.0		22 x 27	22 x 27,7	10
55502465	SILVYN MPC M32/1		32 x 1.5	23.0			25,0 x 30,6	10
55502469	SILVYN MPC M16/1		32 x 1.5	25.0			28 x 33,5	10
55502466	SILVYN MPC M40		40 x 1.5	33.0			35 x 41,0	2
55502467	SILVYN MPC M50		50 x 1.5	37.0			40 x 46,4	2
55502468	SILVYN MPC M63		63 x 1.5	48.0		50 x 56	50 x 57,2	1
SILVYN® MPC-M grey								
55502441	SILVYN MPC M16/1		16 x 1.5	8.0	11 x 14		10 x 14.7	10
55502442	SILVYN MPC M16/2		16 x 1.5	11.0	13 x 16	12 x 16	12 x 16,6	10
55502443	SILVYN MPC-M 20/1		20 x 1.5	14.0	13 x 16	12 x 16	12 x 16,6	10
55502444	SILVYN MPC M20/2		20 x 1.5	14.0		16 x 20	16 x 20,7	10
55502445	SILVYN MPC M25		25 x 1.5	19.0		22 x 27	22 x 27,7	10
55502446	SILVYN MPC M32/1		32 x 1.5	23.0			25,0 x 30,6	10
55502447	SILVYN MPC M16/1		32 x 1.5	25.0			28 x 33,5	10
55502448	SILVYN MPC M40		40 x 1.5	33.0			35 x 41,0	2
55502449	SILVYN MPC M50		50 x 1.5	37.0			40 x 46,4	2
55502439	SILVYN MPC M63		63 x 1.5	48.0		50 x 56	50 x 57,2	1
SILVYN® MPC black								
55502470	SILVYN MPC 9	9		8.0	11 x 14		10 x 14.7	10
55502471	SILVYN MPC 11	11		11.0	13 x 16	12 x 16	12 x 16,6	10
55502472	SILVYN MPC 13,5/1	13.5		11.0	13 x 16	12 x 16	12 x 16,6	10
55502494	SILVYN MPC 13,5/2	13.5		11.0		16 x 20	16 x 20,7	10
55502473	SILVYN MPC 16	16		14.0		16 x 20	16 x 20,7	10
55502474	SILVYN MPC 21	21		19.0		22 x 27	22 x 27,7	10
55502495	SILVYN MPC 29/2	29		25.0			28 x 33,5	10
55502476	SILVYN MPC 29/1	29		23.0			25,0 x 30,6	10
55502477	SILVYN MPC 36	36		33.0			35 x 41,0	2
55502478	SILVYN MPC 42	42		37.0			40 x 46,4	2
55502479	SILVYN MPC 48	48		48.0			50 x 57,2	2
SILVYN® MPC grey								
55502496	SILVYN MPC 9	9			11 x 14		10 x 14.7	10
55502497	SILVYN MPC 11	11		11.0	13 x 16	12 x 16	12 x 16,6	10
55502498	SILVYN MPC 13,5/1	13.5		11.0	13 x 16	12 x 16	12 x 16,6	10
55502499	SILVYN MPC 13,5/2	13.5		11.0		16 x 20	16 x 20,7	10
55502451	SILVYN MPC 16	16		14.0		16 x 20	16 x 20,7	10
55502452	SILVYN MPC 21	21		19.0		22 x 27	22 x 27,7	10
55502453	SILVYN MPC 29/1	29		23.0			25,0 x 30,6	10
55502454	SILVYN MPC 29/2	29		25.0			28 x 33,5	10
55502455	SILVYN MPC 36	36		33.0			35 x 41,0	2
55502456	SILVYN MPC 42	42		37.0			40 x 46,4	2
55502457	SILVYN MPC 48	48		48.0			50 x 57,2	2

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com

New

SILVYN® MPC 90° / SILVYN® MPC 90° M



Benefits

- Can be used universally
- 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
- High-tensile

Approvals



- UL FILENUMBER E308201

Design

SILVYN® MPC 90° M

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

SILVYN® MPC 90°

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

Suitable conduits

- SILVYN® EL Page 769
- SILVYN® SI Page 759
- SILVYN® ELÖ Page 770
- SILVYN® SP Page 760
- SILVYN® ELT Page 771
- SILVYN® SP-PU Page 761

Technical data



Upon request
Grey, RAL 7001



Colour delivered
Black (RAL 9005), UV-resistant



Material
PA 66
Halogen-free



Protection rating
IP 65



Temperature range
-50°C to +135°C

Article number	Article designation	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 BLACK								
55502480	SILVYN MPC 90° M 16x1,5		16 x 1,5	11.0			12 x 16,6	10
55502481	SILVYN MPC 90° M 20x1,5/1		20 x 1,5	11.0	13 x 16	12 x 16	12 x 16,6	10
55502482	SILVYN MPC 90° M 20x1,5/2		20 x 1,5	14.0		16 x 20	16 x 20,7	10
55502483	SILVYN MPC 90° M 25x1,5		25 x 1,5	19.0		22 x 27	22 x 27,7	10
55502484	SILVYN MPC 90° M 32x1,5		32 x 1,5	25.0			28 x 33,5	10
55502485	SILVYN MPC 90° M 40x1,5		40 x 1,5	33.0			35 x 41,0	2
SILVYN MPC 90° M GREY								
55502458	SILVYN MPC 90° M 16x1,5		16 x 1,5	11.0			12 x 16,6	10
55502459	SILVYN MPC 90° M 20x1,5/1		20 x 1,5	11.0	13 x 16	12 x 16	12 x 16,6	10
55502366	SILVYN MPC 90° M 20x1,5/2		20 x 1,5	14.0		16 x 20	16 x 20,7	10
55502367	SILVYN MPC 90° M 25x1,5		25 x 1,5	19.0		22 x 27	22 x 27,7	10
55502368	SILVYN MPC 90° M 32x1,5		32 x 1,5	25.0			28 x 33,5	10
55502369	SILVYN MPC 90° M 40x1,5		40 x 1,5	33.0			35 x 41,0	2
SILVYN MPC 90° BLACK								
55502486	SILVYN MPC 90° PG 11	11		11.0			12 x 16,6	10
55502487	SILVYN MPC 90° PG 13,5	13.5		11.0	13 x 16	12 x 16	12 x 16,6	10
55502488	SILVYN MPC 90° PG 16	16		11.0			16 x 20,7	10
55502489	SILVYN MPC 90° PG 21	21		19.0		16 x 20	22 x 27,7	10
55502490	SILVYN MPC 90° PG 29	29		14.0		16 x 20	28 x 33,5	10
55502493	SILVYN MPC 90° PG 36	36		33.0			35 x 41,0	2
SILVYN MPC 90° GREY								
55502370	SILVYN MPC 90° PG 11	11		11.0			12 x 16,6	10
55502371	SILVYN MPC 90° PG 13,5	13.5		11.0	13 x 16	12 x 16	12 x 16,6	10
55502372	SILVYN MPC 90° PG 16	16		11.0			16 x 20,7	10
55502373	SILVYN MPC 90° PG 21	21		19.0		16 x 20	22 x 27,7	10
55502374	SILVYN MPC 90° PG 29	29		14.0		16 x 20	28 x 33,5	10
55502375	SILVYN MPC 90° PG 36	36		33.0			35 x 41,0	2

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FPS



SILVYN® FPS



■ Benefits

- Dimensionally stable
- Crushable and extendable
- Highly oil and acid-resistant
- Air-tight and impermeable

■ Application range

- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Robot-building
- Moving applications
- Indoor applications

■ Product features

- Cadmium-free

■ Approvals



■ Design

- PVC-insulated steel spring wire
- Soft PVC outer sheath

■ Note

- PU = 50 m (on request)

■ Technical data

RAL	Colour delivered Grey
	Material Soft PVC with insulated spring steel wire
	Temperature range -20°C to +80°C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (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 (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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® FD-PU refer to page 775

■ Accessories

- SILVYN® MSK-M EE refer to page 776
- SILVYN® US-M refer to page 777
- SILVYN® LKI-M refer to page 780
- SILVYN® US refer to page 778
- SILVYN® USK-M refer to page 764
- SILVYN® LKI refer to page 780
- SILVYN® EE-K refer to page 781

SILVYN® FD-PU



SILVYN® FD-PU

■ Benefits

- Dimensionally stable
- Highly flexible at cold temperatures
- Crushable and extendable
- High resistance to oil, petrol, acids and greases
- Air-tight and impermeable

■ Application range

- Outdoors
- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Robot-building
- Moving applications

■ Product features

- Halogen and cadmium-free
- Abrasion and microbe-resistant
- Fire behaviour of outer sheath according to UL 94V-0

■ Approvals



■ Design

- PVC-insulated steel spring wire
- PUR outer sheath

■ Note

- PU = 50 m (on request)

■ Technical data

	Colour delivered Metallic blue
	Material PUR with PVC-insulated spring steel wire Fire behaviour according to UL 94V-0
	Temperature range -40 °C to +80 °C

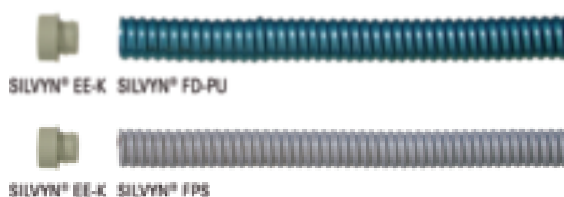
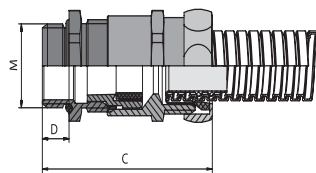
Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Weight (kg/m)	Suitable for SILVYN® USK-M/US-M	Suitable for SILVYN® LKI-M/MSK-M	Suitable for SILVYN® USK/US/LKI/EE-K	PU ring (m)
SILVYN® FD-PU								
64453660	7.0 x 10.0	10	7.0	0.09	10 x 1,0	12 x 1,5	7	10
64453670	10.0 x 14.0	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	0.3	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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® MSK-M EE refer to page 776
- SILVYN® US-M refer to page 777
- SILVYN® LKI-M refer to page 780
- SILVYN® US refer to page 778
- SILVYN® USK-M refer to page 764
- SILVYN® LKI refer to page 780
- SILVYN® EE-K refer to page 781

SILVYN® MSK-M EE



SILVYN® MSK-M EE

■ Benefits

- Optimum cable and conduit strain relief
- Maximum cable sealing
- Fast and easy assembly
- Wide clamping range
- Anti-turn protection

■ Application range

- In combination with protective conduit
- SILVYN® FPS
- SILVYN® FD-PU
- Indoor / outdoor applications
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

■ Product features

- Combination of SILVYN® and SKINTOP®

■ Approvals



■ Design

- Optional:
- SKINTOP® MS-M cable 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 (upon request)

■ Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® FD-PU Page 775

■ Technical data



Material

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



Protection rating

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



Temperature range

-30°C to +100°C

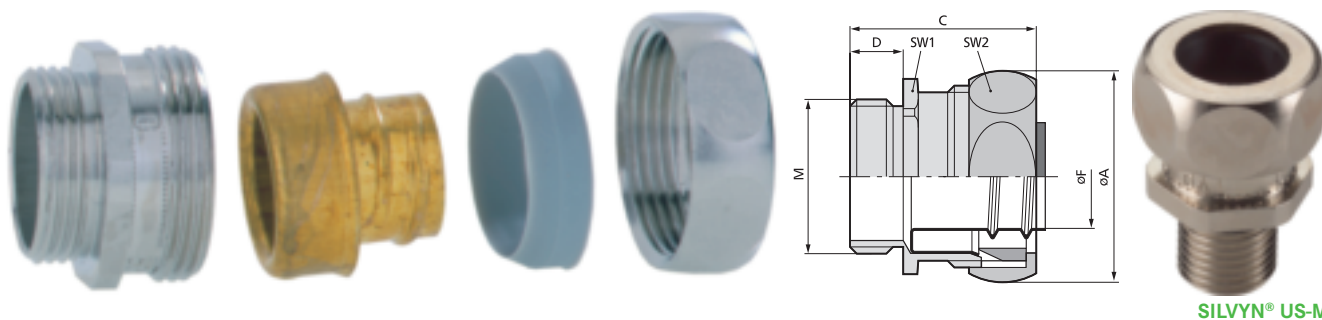
Article number	Article designation	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN® MSK-M for SILVYN® FPS/FD-PU			
55506070	MSK-M M12x1,5 EE	FPS, FD-PU 7 x 10	5
55506071	MSK-M M16x1,5 EE	FPS, FD-PU 10 x 14	5
55506072	MSK-M M20x1,5 EE	FPS, FD-PU 13 x 17	5
55506073	MSK-M M25x1,5 EE	FPS, FD-PU 16 x 21	5
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

Other variations with multiple SKINTOP® DIX-M sealing inserts are available upon request.
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® DIX-M refer to page 672
- SKINTOP® DIX-M AUTOMATION refer to page 673
- SKINTOP® DIX-DV refer to page 675

SILVYN® US-M



SILVYN® US-M

Benefits

- High tensile strength
- Space-saving
- Vibration protection
- Can be used universally

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
- Can be used as an EMC gland by using the SILVYN® US-MS-DR brass ring

Approvals



Design

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

Note

- Required inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- To be ordered separately based on the preferred conduit system

Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® EDU-AS Page 813
- SILVYN® FD-PU Page 775
- SILVYN® AS-P Page 815
- SILVYN® EMC AS-CU Page 814

Technical data



Material
Body: nickel-plated brass
Sealing ring: TPE



Protection rating
IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 54 (with SILVYN® FPS and FD-PU)
IP 66 (with SILVYN® AS-P)



Temperature range
-40 °C to +125 °C

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® MSK-M EE refer to page 776
- SILVYN® MSK-M US refer to page 816

SILVYN® US



SILVYN® US

■ Benefits

- High tensile strength
- Space-saving
- Vibration protection
- Can be used universally

■ 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
- Can be used as an EMC gland by using the SILVYN® US-MS-DR brass ring

■ Approvals



■ Design

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

■ Note

- Required inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- To be ordered separately based on the preferred conduit system

■ Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® EDU-AS Page 813
- SILVYN® FD-PU Page 775
- SILVYN® AS-P Page 815
- SILVYN® EMC AS-CU Page 814

■ Technical data



Material

Body: nickel-plated brass
Sealing ring: TPE



Protection rating

IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 54 (with SILVYN® FPS and FD-PU)
IP 66 (with SILVYN® AS-P)



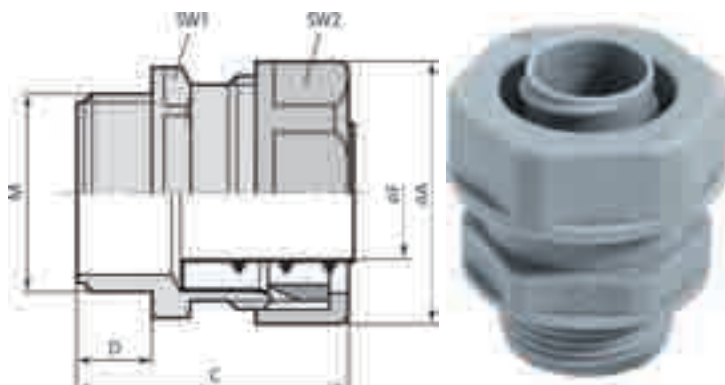
Temperature range

-40°C to +125°C

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® USK-M



SILVYN® USK-M

■ Benefits

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

■ Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SI/SP/SP-PU
- Indoor applications
- Light mechanical stress

■ Product features

- Large wrench sizes

■ Design

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

■ Note

- Included: SILVYN® EE-K inner sleeve

■ Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® FD-PU Page 775
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

■ Technical data

RAL Colour delivered
Silver grey (RAL 7001)

Material
PP

IP Protection rating
IP 54

Temperature range
-10°C to +110°C

■ Approvals



Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® LKI / SILVYN® LKI-M



■ Benefits

- Fast and easy assembly
- Vibration protection
- High-tensile
- Can be rotated

■ Application range

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

■ Product features

- Smooth inner surface
- Slim construction

■ Approvals



■ Design

SILVYN® LKI-M

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

SILVYN® LKI

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

■ Technical data



Colour delivered
Silver grey (RAL 7001)



Material
PP



Protection rating
IP 54



Temperature range
-10 °C to +110 °C

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® EE-K

Benefits

- Cable damage can be prevented

Application range

- In combination with protective conduit
- SILVYN® FPS/ FD-PU
- SILVYN® SP/SP-PU
- Conduit end cover

Product features

- All-round collar completely covers the protective conduit end

Approvals



Design

- Threaded sleeve

Note

- Necessary for using SILVYN® US-M and US

Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® FD-PU Page 775
- SILVYN® SP Page 760
- SILVYN® SP-PU Page 761

Technical data



Colour delivered
Grey, RAL 7001



Material
PP



Temperature range
-10°C to +110°C



Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SILVYN® US-M refer to page 777
- SILVYN® US refer to page 778

SILVYN® RILL PA 6



SILVYN® RILL PA 6



Info

- Maximum safety in the event of a fire

Benefits

- Dimensionally stable
- Flexible
- High flame-retardance and self-extinguishing in accordance with UL 94V-0
- Crush-resistant
- Lightweight

Application range

- Mechanical engineering
- Public utilities
- Railway applications / vehicle construction
- Moving applications
- Outdoor application (in black)

Product features

- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

Approvals



- UL FILENUMBER E308201

Design

- Fine-profile corrugated polyamide 6 conduit

Note

- UV and weather-resistant in black

Technical data



Approvals

VDE EN/IEC 618386-23
DNV, Lloyd's Register
Rail: DB DIN 5510 Teil2 (S4/SR2/ST2)
SNCF NFF 16-101/102 (I2/f2)
UNDERGROUND BS 6853



Colour delivered

Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material

PA 6
Silicone-free
Halogen-free
UL 94V-0



Temperature range

-40°C to +115°C
short-term +150°C

Article number	Article designation	Article IØ x OØ (mm)	Bending radius (mm)	Suitable for SILVYN® KLIKK-GM/WM	Suitable for SILVYN® KLIKK-GP/WP	Suitable for SILVYN® KLIKK-GPZ-M/GPZ	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® RILL PA 12 refer to page 783

Accessories

- SILVYN® KLIKK-GM refer to page 784
- SILVYN® KLIKK 90°M refer to page 785
- SILVYN® KLIKK GPZ-M refer to page 786
- SILVYN® KLIKK- 90° Flange refer to page [P1159]
- SILVYN® KSE refer to page 787
- SILVYN® KLIKK-GP refer to page 788
- SILVYN® KLIKK 90° PG refer to page 790
- SILVYN® KLIKK-GPZ refer to page 789
- SILVYN® KLIKK-Y refer to page 791
- SILVYN® KLIKK-Y (TPE) refer to page 791
- SILVYN® KLIKK-S refer to page 792
- SILVYN® KLIKK-D refer to page 792
- SILVYN® KLIKK-V refer to page 792
- SILVYN® KLIKK-RH refer to page 793
- SILVYN® K-EM refer to page 793

SILVYN® RILL PA 12



Info

- Designed for robot applications



SILVYN® RILL PA 12

Benefits

- Dimensionally stable
- Highly flexible at cold temperatures
- Flame-retardant and self-extinguishing according to UL 94V-2
- Crush-resistant
- Highly flexible

Application range

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

Product features

- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

Approvals



- Railway: DB, SNCF

Design

- Fine-profile corrugated polyamide 12 conduit

Note

- UV and weather-resistant in black

Technical data



Approvals

VDE EN/IEC 61386-23
Lloyd's Register
Rail:
DB DIN 5510 Teil2 (S4/SR2/ST2)
SNCF NFF-16-101/102 (I3/F2)



Colour delivered

Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material

PA 12
Silicone-free
Halogen-free
UL 94V-2



Temperature range

-50°C bis +100°C
short-term +150°C

Article number	Article designation	Article IØ x OØ (mm)	Bending radius (mm)	Suitable for SILVYN® KLIKK-GM/WM	Suitable for SILVYN® KLIKK-GP/WP	Suitable for SILVYN® KLIKK-GPZ-M/GPZ	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® RILL PA 6 refer to page 782

Accessories

- SILVYN® KLIKK-GM refer to page 784
- SILVYN® KLIKK 90°M refer to page 785
- SILVYN® KLIKK GPZ-M refer to page 786
- SILVYN® KLIKK- 90° Flange refer to page [P1159]
- SILVYN® KSE refer to page 787
- SILVYN® KLIKK-GP refer to page 788
- SILVYN® KLIKK 90° PG refer to page 790
- SILVYN® KLIKK-GPZ refer to page 789
- SILVYN® KLIKK-Y refer to page 791
- SILVYN® KLIKK-Y (TPE) refer to page 791
- SILVYN® KLIKK-S refer to page 792
- SILVYN® KLIKK-D refer to page 792
- SILVYN® KLIKK-V refer to page 792
- SILVYN® KLIKK-RH refer to page 793
- SILVYN® K-EM refer to page 793

SILVYN® KCLICK-GM



■ Benefits

- Fast assembly
- Easy to disassemble
- High-tensile
- High sealing performance
- Can be rotated

■ Application range

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

■ Approvals



- UL FILENUMBER E308201

■ Design

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

■ Note

- For rotating applications, disassemble the upper part to remove sealing, then re-assemble.

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data



Colour delivered
Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material
PA6



Protection rating
IP 68
IP 69K according to DIN 40050 T.9



Temperature range
-40 °C to +115 °C

Article number	Connection thread M	Hole Ø (mm)	For conduit with outer 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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® KCLICK GPZ-M refer to page 786

SILVYN® KCLICK 90°M

Benefits

- 90° elbow enables best assembling
- Fast assembly
- Easy to disassemble
- High-tensile
- High sealing performance

Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- For applications with limited space
- Rotating applications

Approvals



- UL FILENUMBER E308201

Design

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

Note

- For rotating applications, disassemble the upper part to remove sealing, then re-assemble.

Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

Technical data



Colour delivered
Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material
PA6



Protection rating
IP 68
IP 69K according to DIN 40050 T.9



Temperature range
-40 °C to +115 °C



Article number	Connection thread M	Hole Ø (mm)	For conduit with outer Ø (mm)	Thread length, D (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK-WM grey						
55501110	10 x 1.0	7.0	10.0	12.0	6,5 x 10,0	50
55501120	12 x 1.5	8.0	13.0	12.0	10,0 x 13,0	50
55501130	16 x 1.5/1	12.0	13.0	12.0	10,0 x 13,0	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® KCLICK-WM black						
55501115	10 x 1.0	7.0	10.0	12.0	6,5 x 10,0	50
55501125	12 x 1.5	8.0	13.0	12.0	10,0 x 13,0	50
55501135	16 x 1.5/1	12.0	13.0	12.0	10,0 x 13,0	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	16,5 x 21,2	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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® KCLICK GPZ-M



■ Benefits

- Fast assembly
- Easy to disassemble
- Additional cable strain relief
- Additional cable sealing

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Robot-building
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

■ Approvals



- UL FILENUMBER E308201

■ Design

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

■ Note

- For rotating applications, disassemble the upper part to remove sealing, then re-assemble.

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data



Colour delivered
Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material
PA6



Protection rating
IP 68
IP 69K according to DIN 40050 T.9

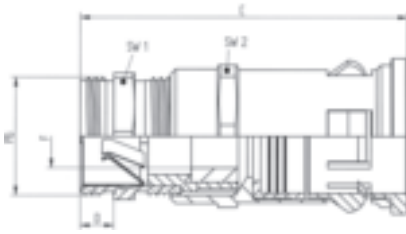


Temperature range
-30°C to +100°C

Article number	Article designation	Hole Ø (mm)	Clamping range (mm)	Thread length, D (mm)	For conduit with outer Ø (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	10.0	16.0	7	20
55500810	16 x 1,5	8.0	5.0 - 9.5	8.0	13.0	18.0	9	20
55500820	20 x 1,5	10.0	8.0 - 12.0	8.0	15.8	21.0	11	20
55500830	25 x 1,5	12.0	11.0 - 16.0	8.0	21.2	27.0	16	10
55500840	32 x 1,5	18.0	15.0 - 21.0	11.0	28.5	34.0	21	10
55500850	40 x 1,5	25.0	16.0 - 26.0	12.0	34.5	40.0	29	10
55500860	50 x 1,5	32.0	27.0 - 35.0	13.0	42.5	49.0	36	10
55500870	63 x 1,5	44.0	32.0 - 42.0	14.0	54.5	60.0	48	10
SILVYN® KCLICK, GPZ-M black								
55500805	12 x 1,5	7.0	4.0 - 6.5	8.0	10.0	16.0	7	20
55500815	16 x 1,5	8.0	5.0 - 9.5	8.0	13.0	18.0	9	20
55500825	20 x 1,5	10.0	8.0 - 12.0	8.0	15.8	21.0	11	20
55500835	25 x 1,5	12.0	11.0 - 16.0	8.0	21.2	27.0	16	10
55500845	32 x 1,5	18.0	15.0 - 21.0	11.0	28.5	34.0	21	10
55500855	40 x 1,5	25.0	16.0 - 26.0	12.0	34.5	40.0	29	10
55500865	50 x 1,5	32.0	27.0 - 35.0	13.0	42.5	49.0	36	10
55500875	63 x 1,5	44.0	32.0 - 42.0	14.0	54.5	60.0	48	10

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® KSE



SILVYN® KSE

■ Benefits

- Fast assembly
- Additional cable strain relief
- Additional cable sealing
- Optimum screen connection (EMC)

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Used in areas where screened cables and wires need to have additional protection

■ Approvals



■ Design

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

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data

RAL	Colour delivered Black (RAL 9005), UV-resistant
Material	Polyamide Nickel-plated brass
IP	Protection rating IP 68
Temperature range	-40 °C to +115 °C

Article number	PG size	For conduit with outer 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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® MSK-M EE refer to page 776
- SILVYN® MSK-M US refer to page 816
- SILVYN® KSE-M refer to page 805

■ Accessories

- SKINDICHT® SM-PE refer to page 741

SILVYN® KCLICK-GP



■ Benefits

- Fast assembly
- Easy to disassemble
- High-tensile
- High sealing performance
- Can be rotated

■ Application range

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

■ Approvals



- UL FILENUMBER E308201

■ Design

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

■ Note

- For rotating applications, disassemble the upper part to remove sealing, then re-assemble.

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data



Colour delivered
Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material
PA6



Protection rating
IP 68
IP 69K according to DIN 40050 T.9



Temperature range
-40 °C to +115 °C

Article number	Article designation	Suitable for SILVYN® RILL	For conduit with outer 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® KCLICK-GPZ

Benefits

- Fast assembly
- Easy to disassemble
- Additional cable strain relief
- Additional cable sealing

Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- Robot-building
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

Approvals


- UL FILENUMBER E308201

Design

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

Note

- For rotating applications, disassemble the upper part to remove sealing, then re-assemble.

Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

Article number	Article designation	Suitable for SILVYN® RILL	For conduit with outer Ø (mm)	Wrench size (mm)	Clamping range (mm)	Thread length (mm)	min. IØ (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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® KCLICK 90° PG



■ Benefits

- 90° elbow enables best assembling
- Fast assembly
- Easy to disassemble
- High-tensile
- High sealing performance

■ Application range

- In combination with protective conduit
- SILVYN® RILL PA6
- SILVYN® RILL PA12
- For applications with limited space
- Rotating applications

■ Approvals



- UL FILENUMBER E308201

■ Design

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

■ Note

- For rotating applications, disassemble the upper part to remove sealing, then re-assemble.

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data



Colour delivered

Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material

PA6



Protection rating

IP 68
IP 69K according to DIN 40050 T.9



Temperature range

-40 °C to +115 °C

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

Photographs are not to scale and do not represent detailed images of the respective products.

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



SILVYN® KCLICK-Y



SILVYN® KCLICK-Y (TPE)

■ Benefits

SILVYN® KCLICK-Y

- Fast mounting
- Easy to disassemble
- High-tensile
- Easy combination of different conduit sizes

SILVYN® KCLICK-Y (TPE)

- Easy to assemble
- High temperature resistance

■ Application range

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

■ Approvals



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 black (RAL 9005), replace the last digit of the part no. with "5".

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data



Upon request SILVYN® KCLICK-Y

More sizes / combinations



Colour delivered

Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material SILVYN® KCLICK-Y

PA6
SILVYN® KCLICK-Y (TPE)
TPE



Protection rating SILVYN® KCLICK-Y

IP 68
IP 69K according to DIN 40050 T.9
SILVYN® KCLICK-Y (TPE)
IP 66



Temperature range

-40 °C to +115 °C

Article number	Article designation	Suitable for SILVYN® RILL	For conduit with outer 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) black				
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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® KCLICK-S / SILVYN® KCLICK-D / SILVYN® KCLICK-V



SILVYN® KCLICK-S



SILVYN® KCLICK-D



SILVYN® KCLICK-V

■ Benefits

SILVYN® KCLICK-S

- Fast assembly
- Easy to disassemble
- Tear-proof connection
- No slack in the conduit

SILVYN® KCLICK-D

- Ensures that the conduit is fixed to the conduit-holder

SILVYN® KCLICK-V

- Connects several conduit holders with one another

■ Application range

SILVYN® KCLICK-S

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

SILVYN® KCLICK-D

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

SILVYN® KCLICK-V

- In combination with

■ Product features

SILVYN® KCLICK-S

- Impact-resistant polyamide

SILVYN® KCLICK-D

- Fits tightly to SILVYN® KCLICK S

SILVYN® KCLICK-V

- Fits tightly to SILVYN® KCLICK S

■ Approvals



■ Design

SILVYN® KCLICK-S

- Multi-part conduit holder with M5 borehole for fixation

SILVYN® KCLICK-D

- Cover with connection pins

SILVYN® KCLICK-V

- Connection pin

■ Note

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

■ Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

■ Technical data



Colour delivered

Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material

PA6



Temperature range

-40 °C to +115 °C

Article number	PG size	Pieces / PU
SILVYN® KCLICK-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® KCLICK-D grey		
61811200	7	100
61811260	11	50
61811210	16	50
61811220	21	50
61811230	29	30
61811240	36	20
61811250	48	20
SILVYN® KCLICK-V grey		
61811270		100

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

SILVYN® KCLICK-D

- SILVYN® KCLICK-S refer to page 792

SILVYN® KCLICK-V

- SILVYN® KCLICK-S refer to page 792

SILVYN® KLIICK-RH

Benefits

- Fast assembly
- Easy to disassemble
- Tear-proof connection
- No slack in the conduit
- No loose parts

Application range

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

Product features

- Impact-resistant polyamide
- One-piece conduit holder
- Suitable for mounting onto a C-profile rail
- Stackable

Approvals



- UL FILENUMBER E308201

Design

- One-piece conduit holder with M4/M5/M6 borehole for fixation

Suitable conduits

- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

Technical data



Colour delivered
Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material
PA6



Temperature range
-40 °C to +115 °C



SILVYN® KLIICK-RH

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

Benefits

- Easy to assemble
- High temperature resistance
- Cable damage can be prevented
- Additional sealing

Application range

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

Technical data



Colour delivered
Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material
TPE-V



Temperature range
-40 °C to +120 °C

Approvals



Suitable conduits

- SILVYN® FPAS Page 797
- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA 12 Page 783

Article number	Article designation	For conduit with outer Ø (mm)	Cable Ø (mm)	Overall length (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

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com

SILVYN® HCC



SILVYN® HCC



■ Benefits

- Dimensionally stable
- Flexible
- Lightweight
- Crush-resistant

■ Application range

- Mechanical engineering
- Apparatus construction
- Building Automation
- Moving applications
- Outdoors

■ Product features

- Conduit with full metric design
- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

■ Approvals



■ Design

- Fine-profile corrugated polyamide 6 conduit

■ Note

- UV-resistant and weather-resistant

■ Technical data

RAL Colour delivered
Black (RAL 9005), UV-resistant

Material
PA6
Halogen-free

Temperature range
-25 °C to +100 °C

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® HG-M	Suitable for SILVYN® HW-M	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® HG-M refer to page 795
- SILVYN® HW-M refer to page 795
- SILVYN® DUO-M refer to page 796
- SILVYN® SCLX refer to page 796

SILVYN® HG-M / SILVYN® HW-M



SILVYN® HG-M



SILVYN® HW-M

■ Benefits

SILVYN® HG-M

- Easy to disassemble
- High-tensile
- Sealing

SILVYN® HW-M

- 90° elbow enables best assembling
- Easy to disassemble
- High-tensile
- Sealing

■ Application range

SILVYN® HG-M

- In combination with protective conduit
- SILVYN® HCC

SILVYN® HW-M

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

■ Approvals



■ Design

SILVYN® HG-M

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

SILVYN® HW-M

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

■ Note

SILVYN® HG-M

- In black colour UV-resistant and weather-proofed

SILVYN® HW-M

- UV-resistant and weather-resistant

■ Suitable conduits

- SILVYN® HCC Page 794

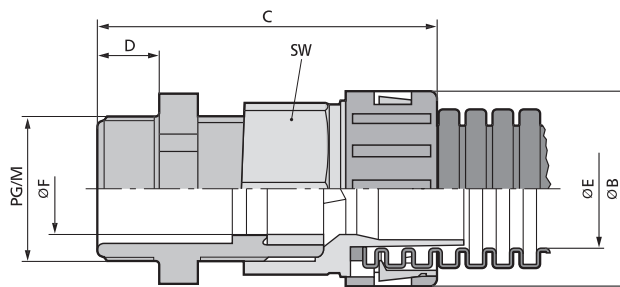
■ Technical data

RAL	Colour delivered Black (RAL 9005), UV-resistant
Material	PA6
IP	Protection rating IP 65
Temperature range	-25°C to +100°C

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® DUO-M



SILVYN® DUO-M

■ Benefits

- Easy to disassemble
- Additional cable strain relief
- Additional cable sealing

■ Application range

- In combination with protective conduit
- SILVYN® HCC

■ Approvals



■ Design

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

■ Note

- In black colour UV-resistant and weather-proofed

■ Suitable conduits

- SILVYN® HCC Page 794

■ Technical data



Upon request
Grey



Colour delivered
Black (RAL 9005), UV-resistant



Material
PA6



Protection rating
IP 68

Article number	M 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® SCLX



■ Benefits

- Fast assembly
- Easy to disassemble
- Tear-proof connection
- No slack in the conduit

■ Application range

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

■ Approvals



■ Technical data



Colour delivered
Black (RAL 9005), UV-resistant



Material
PA6



Temperature range
-30 °C to +70 °C

■ Design

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

■ Note

- UV-resistant and weather-resistant

■ Suitable conduits

- SILVYN® HCC Page 794

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FPAS



SILVYN® FPAS

■ Benefits

- Dimensionally stable
- Flexible
- Flame-retardant and self-extinguishing according to UL 94V-2
- High crush-resistance
- Impact-resistant

■ Application range

- Mechanical engineering
- Plant engineering
- Railway applications / vehicle construction
- Moving applications
- Outdoors

■ Product features

- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

■ Approvals



- UL FILENUMBER E308201
- UNDERGROUND

■ Design

- Fine-profile corrugated polyamide 6 conduit

■ Technical data

RAL Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)

Material
PA 6
Halogen-free

Temperature range
-40°C to +120°C static
-20°C to +100°C dynamic

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	PU ring (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
SILVYN® FPAS grey					
61754000	10	6.3 x 10.0	15	6.3	50
61754010	13	9.8 x 13.0	25	9.8	50
61754020	16	11.8 x 15.8	40	11.8	50
61754270	18	14.2 x 18.5	40	14.2	50
61754030	21	16.7 x 21.2	45	16.7	50
61754040	28	22.8 x 28.5	50	22.8	50
61754050	34	28.1 x 34.5	60	28.1	25
61754060	42	35.5 x 42.5	70	35.5	25
61754070	54	47.2 x 54.5	80	47.2	25
61754300	67	56.3 x 67.2	130	56.3	10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® FPAG-M refer to page 798
- SILVYN® FPAX-M refer to page 799
- SILVYN® FPAHW-M refer to page [P1179]
- SILVYN® FPAG 90° M refer to page 800
- SILVYN® KSE-M refer to page 805
- SILVYN® FPAG refer to page 803
- SILVYN® FPAG 90° PG refer to page 803
- SILVYN® FCL refer to page 804
- SILVYN® FPAC refer to page 805
- SILVYN® FLEXILOK M refer to page 801
- SILVYN® FLEXILOK PG refer to page 801
- SILVYN® FLEXILOK 90° M refer to page 802
- SILVYN® FLEXILOK 90° PG refer to page 802

SILVYN® FPAG-M



SILVYN® FPAG-M

■ Benefits

- Fast assembly
- High-tensile
- Sealing
- Vibration protection

■ Application range

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

■ Product features

- In black colour UV-resistant and weather-proofed
- Removeable with a screwdriver

■ Approvals



- UL FILENUMBER E308201
- UNDERGROUND

■ Design

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

■ Suitable conduits

- SILVYN® FPAS Page 797

■ Technical data



Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)



Material
PA66
Halogen-free



Protection rating
IP 66



Temperature range
-40°C to +135°C

Article number	Article designation	For conduit with outer Ø (mm)	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG-M black				
55506305	M12x1,5	10.0	10	10
55506315	M16x1,5/1	13.0	13	10
55506325	M16x1,5/2	15.8	16	10
55506335	M20x1,5/1	15.8	16	10
55506345	M20x1,5/2	21.2	21	10
55507055	M20x1,5/3	18.5	18	10
55506355	M25x1,5	28.5	28	10
55506365	M32x1,5	34.5	34	10
55506375	M40x1,5	42.5	42	2
55506385	M50x1,5/1	42.5	42	2
55506395	M50x1,5/2	54.5	54	2
55506405	M63x1,5/1	54.5	54	2
55506475	M63x1,5/2	67.2	67	2
SILVYN® FPAG-M grey				
55506300	M12x1,5	10.0	10	10
55506310	M16x1,5/1	13.0	13	10
55506320	M16x1,5/2	15.8	16	10
55506330	M20x1,5/1	15.8	16	10
55506340	M20x1,5/2	21.2	21	10
55507050	M20x1,5/3	18.5	18	10
55506350	M25x1,5	28.5	28	10
55506360	M32x1,5	34.5	34	10
55506370	M40x1,5	42.5	42	2
55506380	M50x1,5/1	42.5	42	2
55506390	M50x1,5/2	54.5	54	2
55506400	M63x1,5/1	54.5	54	2
55506470	M63x1,5/2	67.2	67	2

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® FPAX-M refer to page 799
- SILVYN® KSE-M refer to page 805

SILVYN® FPAX-M
Benefits

- Fast mounting
- High tensile strength
- Watertight
- Vibration protection

Application range

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

Product features

- In black colour UV-resistant and weather-proofed
- Removeable with a screwdriver

Approvals


- UL FILENUMBER E308201
- UNDERGROUND

Design

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

Suitable conduits

- SILVYN® FPAS Page 797


Info

- IP68
- IP69K

Technical data


Upon request
With PG thread



Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)



Material
PA66
Halogen-free



Protection rating
IP68
IP69K



Temperature range
-40°C to +135°C



Article number	Connection thread M	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAX-M black			
55506135	16 x 1.5/1	FPAS 13	10
55506145	16 x 1.5/2	FPAS 16	10
55506155	20 x 1.5/1	FPAS 16	10
55506165	20 x 1.5/2	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
SILVYN® FPAX-M grey			
55506235	16 x 1.5/1	FPAS 13	10
55506245	16 x 1.5/2	FPAS 16	10
55506255	20 x 1.5/1	FPAS 16	10
55506265	20 x 1.5/2	FPAS 21	10
55506175	25 x 1.5 BK	FPAS 28	10
55506275	25 x 1.5 GY	FPAS 28	10
55506285	32 x 1.5	FPAS 34	10
55506295	40 x 1.5	FPAS 42	10
55507265	50 x 1.5	FPAS 42	10
55507275	50 x 1.5	FPAS 54	10
55507285	63 x 1.5	FPAS 67	10

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FPAG 90° M



■ Benefits

- 90° elbow enables best assembling
- Fast assembly
- High-tensile
- Sealing
- Vibration protection

■ Application range

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

■ Product features

- In black colour UV-resistant and weather-proofed
- Removeable with a screwdriver

■ Approvals



- UL FILENUMBER E308201
- UNDERGROUND

■ Design

- Metric connection thread
- 90° elbow
- Body
- Upper part with integrated all-round toothing

■ Suitable conduits

- SILVYN® FPAS Page 797

■ Technical data



Colour delivered

Black (RAL 9005), UV-resistant
Grey (RAL 7001)



Material

PA66
Halogen-free



Protection rating

IP66



Temperature range

-50°C to +135°C

Article 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	1
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 grey			
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	1
55506550	M50x1,5/1	42	1
55506560	M50x1,5/2	54	1
55506570	M63x1,5/1	54	1
55507090	M63x1,5/2	67	1

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FLEXILOK PG / SILVYN® FLEXILOK M



Info

- Extremely economical



Benefits

- Fast assembly
- Easy to assemble
- Cost-effective conduit gland
- No loose parts
- New space-saving design

Application range

SILVYN® FLEXILOK M

- Mechanical engineering
- Control cabinet manufacturing
- Moving applications
- Applications with limited space
- Building Installation

SILVYN® FLEXILOK PG

- Mechanical engineering
- Control cabinet manufacturing
- Moving applications
- Applications with limited space
- Building installation

Product features

- In black colour UV-resistant and weather-proofed
- One-piece slim design
- Halogen and cadmium-free

Approvals



Design

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

Note

- Removeable with a screwdriver

Suitable conduits

- SILVYN® FPAS Page 797
- Parallel corrugated plastic conduits

Technical data



Upon request
white, light grey (RAL7035)



Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)



Material
PA66
Halogen-free



Protection rating
IP 66



Temperature range
-50°C to +135°C

Article number	Connection thread M	Inner Ø (mm)	Thread length, D (mm)	Suitable for SILVYN® FPAS	Suitable for conduit Ø (mm)	Pieces / PU
SILVYN® FLEXILOK M black						
65500405	16 x 1.5	12.0	12.0	FPAS 13	13,0	50
65500425	16 x 1.5	12.0	12.0	FPAS 16	15,8	50
65500415	20 x 1.5	14.0	14.0	FPAS 13	13,0	50
65500435	20 x 1.5	14.0	14.0	FPAS 16	15,8	50
65500445	20 x 1.5	14.0	14.0	FPAS 21	21,2	50
65500455	25 x 1.5	20.0	15.0	FPAS 28	28,5	50
65500465	32 x 1.5	27.0	16.0	FPAS 34	34,5	50
SILVYN® FLEXILOK M grey						
65500600	16 x 1.5	12.0	12.0	FPAS 13	13,0	50
65500420	16 x 1.5	12.0	12.0	FPAS 16	15,8	50
65500410	20 x 1.5	14.0	14.0	FPAS 13	13,0	50
65500430	20 x 1.5	14.0	14.0	FPAS 16	15,8	50
65500440	20 x 1.5	14.0	14.0	FPAS 21	21,2	50
65500610	25 x 1.5	20.0	15.0	FPAS 28	28,5	50
65500460	32 x 1.5	27.0	16.0	FPAS 34	34,5	50
SILVYN® FLEXILOK PG black						
65500475	9.0	12.0	10.0	FPAS 13	13,0	50
65500495	9.0	12.0	10.0	FPAS 16	15,8	50
65500485	11.0	12.0	10.0	FPAS 13	13,0	50
65500395	11.0	15.0	10.0	FPAS 16	15,8	50
68100055	13.5	15.0	10.0	FPAS 16	15,8	50
68100075	13.5	16.0	10.0	FPAS 21	21,2	50
68100065	16.0	15.0	11.0	FPAS 16	15,8	50
68100085	16.0	18.0	11.0	FPAS 21	21,2	50
68100095	21.0	23.0	12.0	FPAS 28	28,5	50
68880005	29.0	31.0	12.0	FPAS 34	34,5	50
SILVYN® FLEXILOK PG grey						
65500470	9.0	12.0	10.0	FPAS 13	13,0	50
65500490	9.0	12.0	10.0	FPAS 16	15,8	50
65500480	11.0	12.0	10.0	FPAS 13	13,0	50
65500390	11.0	15.0	10.0	FPAS 16	15,8	50
68100050	13.5	15.0	10.0	FPAS 16	15,8	50
68100070	13.5	16.0	10.0	FPAS 21	21,2	50
68100060	16.0	15.0	11.0	FPAS 16	15,8	50
68100080	16.0	18.0	11.0	FPAS 21	21,2	50
68100090	21.0	23.0	12.0	FPAS 28	28,5	50
65500620	29.0	31.0	12.0	FPAS 34	34,5	50

Photographs are not to scale and do not represent detailed images of the respective products.

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



Info

- Extremely economical
- 90° elbow enables best assembling

Benefits

- Fast assembly
- Easy to assemble
- Cost-effective conduit gland
- No loose parts
- New space-saving design

Application range

- Mechanical engineering
- Control cabinet manufacturing
- Moving applications
- Applications with limited space
- Building installation

Product features

- In black colour UV-resistant and weather-proofed
- One-piece slim design
- Halogen and cadmium-free

Approvals



Design

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

Note

- Removeable with a screwdriver

Suitable conduits

- SILVYN® FPAS Page 797
- SILVYN® FPAS
- Parallel corrugated plastic conduits

Technical data



Upon request

white, light grey (RAL7035)



Colour delivered

Black (RAL 9005), UV-resistant
Grey (RAL 7001)



Material

PA66
Halogen-free



Protection rating

IP 66



Temperature range

-50°C to +135°C

Article number	Connection thread M	Inner Ø (mm)	Thread length, D (mm)	Suitable for SILVYN® FPAS	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN® FLEXILOK 90° M 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 90° M 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 90° PG 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 90° PG 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FPAG 90° PG / SILVYN® FPAG


SILVYN® FPAG 90° PG
SILVYN® FPAG

■ Benefits

SILVYN® FPAG

- Fast mounting
- High-tensile
- Sealing
- Vibration protection

SILVYN® FPAG 90° PG

- 90° elbow enables best assembling
- Fast mounting
- High-tensile
- Sealing
- Vibration protection

■ Application range

SILVYN® FPAG

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

SILVYN® FPAG 90° PG

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

■ Product features

- In black colour UV-resistant and weather-proofed
- Removeable with a screwdriver

■ Approvals



- UL FILENUMBER E308201
- UNDERGROUND

■ Design

SILVYN® FPAG

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

SILVYN® FPAG 90° PG

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

■ Note

SILVYN® FPAG

- Upon request
- IP 68 (available upon request)

SILVYN® FPAG 90° PG

- Upon request

■ Suitable conduits

- SILVYN® FPAS Page 797

■ Technical data



Upon request
Available design
in IP 68



Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)



Material
PA66
Halogen-free



Protection rating
IP 66



Temperature range
-50°C to +135°C

Article 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

Article number	Article designation	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG 90° PG 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® FPAG 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FCL



Benefits

- Fast mounting
- Easy to disassemble
- No slack in the conduit
- No loose parts

Application range

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

Product features

- Removeable with a screwdriver
- One-piece conduit holder

Approvals



Technical data

RAL Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)

Material
PA66
Halogen-free

Temperature range
-50°C to +135°C

Design

- One-piece conduit holder with borehole for fixation

Note

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® FPAS Page 797

Article 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	21	6.0	21	10
55506940	21	6.0	21	10
55506950	21	6.0	21	10
55506960	42	6.0	42	5
55506970	54	6.0	54	5

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® FPAC

Benefits

- Fast mounting
- Tear-proof connection
- Optional extension of parallel corrugated conduits

Application range

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

Product features

- Removeable with a screwdriver

Approvals



Technical data

RAL Colour delivered
Black (RAL 9005), UV-resistant
Grey (RAL 7001)

Material
PA66
Halogen-free

IP Protection rating
IP 66

Temperature range
-50°C to +135°C

Note

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® FPAS Page 797



Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

Benefits

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

Application range

- In combination with protective conduit
- SILVYN® FPAS
- Used in areas where screened cables and wires need to have additional protection

Product features

- In black colour UV-resistant and weather-proofed
- Removeable with a screwdriver

Approvals



Technical data

RAL Colour delivered
Black (RAL 9005), UV-resistant

Material
Nickel-plated brass
PA66
Silicone-free
Halogen-free

IP Protection rating
Conduit: IP66
Cable: IP68

Temperature range
-30°C to +100°C

Design

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

Suitable conduits

- SILVYN® FPAS Page 797

SILVYN® KSE-M



Article number	Connection thread M	Clamping range (mm)	Thread length, D (mm)	Suitable for SILVYN® FPAS	For conduit with outer Ø (mm)	Pieces / PU
SILVYN® KSE-M black						
55507105	16 x 1.5/1	4.5 - 9.0	12.0	13	13,0	10
55507115	16 x 1.5/2	4.5 - 9.0	12.0	16	15,8	10
55507125	20 x 1.5/1	7.0 - 12.5	12.0	16	15,8	10
55507135	20 x 1.5/2	7.0 - 12.5	12.0	21	21,2	10
55507145	25x1.5	9.0 - 16.5	12.0	28	28,5	10
55507155	32 x 1.5	11.0 - 21.0	15.0	34	34,5	10
55507165	40x1.5	19.0 - 28.0	15.0	42	42,5	1
55507175	50 x 1.5	27.0 - 35.0	15.0	54	54,5	1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-PE-M refer to page 694

SILVYN® MAXI PA



■ Benefits

- Dimensionally stable
- Flexible
- High flame-retardance and self-extinguishing in accordance with UL 94V-0
- Crush-resistant

■ Application range

- Mechanical engineering
- Public utilities
- Moving applications
- Outdoors

■ Product features

- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

■ Approvals



- UL FILENUMBER E308201

■ Design

- Thick-walled corrugated polyamide 6 conduit

■ Note

- UV-resistant and weather-resistant

■ Technical data



Upon request

Available in PA 12



Colour delivered

Grey (RAL 7001)
Black (RAL 9005), UV-resistant



Material

PA 6
Halogen-free



Temperature range

-40°C to +115°C
short-term +150°C

Article number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Weight (kg/m)	Suitable for SILVYN® AFG-PA/AFW-PA	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® AFG-PA refer to page 807
- SILVYN® AFW-PA refer to page 807

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



Benefits

SILVYN® AFG-PA

- Tear-resistant connection
- Secure conduit insertion
- High flame-retardance and self-extinguishing in accordance with UL 94V-0

SILVYN® gasket AFG-PA / AFW-PA

- Increases the IP degree of protection of SILVYN® AFG-PA and SILVYN® AFW-PA

SILVYN® AFW-PA

- 90° elbow enables best assembling
- Tear-resistant connection
- Secure conduit insertion
- High flame-retardance and self-extinguishing in accordance with UL 94V-0

Application range

SILVYN® AFG-PA

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

Approvals



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 design, 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 design, the conduit can be pre-locked and mounted ready for connection

Note

SILVYN® AFG-PA

- UV-resistant and weather-resistant

SILVYN® AFW-PA

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® MAXI PA Page 806

Technical data

RAL Colour delivered
SILVYN® AFG-PA
 Grey (RAL 7001)
 Black (RAL 9005), UV-resistant
SILVYN® AFW-PA
 Grey (RAL 7001)
 Black (RAL 9005), UV-resistant

Material
SILVYN® AFG-PA
 PA6
SILVYN® AFW-PA
 PA6

IP Protection rating
SILVYN® AFG-PA
 IP 54
 IP 66 with AFG-PA/AFW-PA seal
SILVYN® AFW-PA
 IP 54
 IP 66 with AFG-PA/AFW-PA seal

Temperature range
SILVYN® AFG-PA
 -30°C to +100°C
SILVYN® AFW-PA
 -30°C to +100°C

Article 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										1
55001081	95 straight	95	128.0	126.0	74.0	108.0										1
SILVYN® AFG-PA black																
55001085	70 straight	70	94.0	96.0	60.5	80.5										1
55001086	95 straight	95	128.0	126.0	74.0	108.0										1
SILVYN® seal for AFG-PA, AFW-PA																
55001082	70															1
55001083	95															1
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

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

SILVYN® AFG-PA

- SILVYN® gasket AFG-PA / AFW-PA refer to page 807

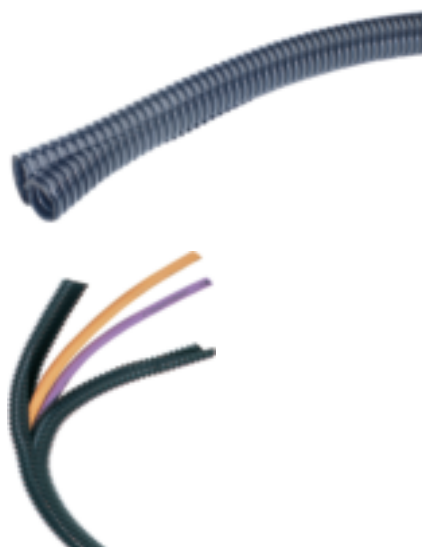
SILVYN® gasket AFG-PA / AFW-PA

- SILVYN® AFG-PA refer to page 807
- SILVYN® AFW-PA refer to page 807

SILVYN® AFW-PA

- SILVYN® gasket AFG-PA / AFW-PA refer to page 807

SILVYN® SPLIT



Benefits

- Dimensionally stable
- Flexible
- Crush-resistant
- Subsequent cable protection after cable installation
- Fast and easy assembly

Application range

- Vehicle construction
- Shipbuilding
- Mechanical engineering
- Electrical industry
- Used in areas where cables and wires need to be protected after assembly

Product features

- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

Approvals



Design

- Divisible corrugated polyamide 6 conduit

Note

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



Info

- New sizes are available

Technical data



Upon request

SILVYN® SPLIT PP (polypropylene)
SILVYN® SPLIT NW 54/70



Colour delivered

Black (RAL 9005), UV-resistant



Material

Halogen-free PA



Protection rating

IP 43 with SILVYN® SPLIT COV



Temperature range

-40 °C to +120 °C
short-term 150 °C

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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- Cable protective conduit for preassembling refer to page 811

Accessories

- SILVYN® SPLIT COV refer to page 809
- SILVYN® SPLIT COS refer to page 809

SILVYN® SPLIT COS / SILVYN® SPLIT GMP-M / SILVYN® SPLIT COV



SILVYN® SPLIT COS

SILVYN® SPLIT COV

■ Benefits

SILVYN® SPLIT COV

- Fast and easy assembly
- Subsequent mountable conduit insertion

SILVYN® SPLIT COS

- Fast mounting
- Easy to disassemble
- Tear-proof connection
- No slack in the conduit
- No loose parts

■ Application range

SILVYN® SPLIT COV

- In combination with protective conduit
- SILVYN® SPLIT
- Mechanical engineering
- Electrical industry
- Used in areas where cables and wires need to be protected after assembly

SILVYN® SPLIT COS

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

■ Product features

SILVYN® SPLIT COV

- Included: divisible counter nut

SILVYN® SPLIT COS

- One-piece conduit holder

■ Approvals



■ Design

SILVYN® SPLIT COS

- One-piece conduit holder with M4/M5/M6 borehole for fixation

■ Note

- UV-resistant and weather-resistant

■ Suitable conduits

- SILVYN® SPLIT Page 808

■ Technical data

RAL Colour delivered
Black (RAL 9005), UV-resistant

Material
Halogen-free PA

Temperature range
-40°C to +120°C

Article number	Article designation	Thread size	Conduit size (mm)	For conduit with outer Ø (mm)	Suitable for SILVYN® SPLIT	Pieces / PU
SILVYN® SPLIT COV						
61806760	10	9	8.9 / 13.6	13.6	10	100
61806770	14	13.5	12.9 / 18.7	18.7	14	100
61806780	20	21	19.8 / 25.9	25.9	20	50
61806790	23	29	23.7 / 31.3	31.3	23	50
61806800	37	29	31.7 / 41.9	41.9	37	25
SILVYN® SPLIT COV-M						
61806680	10	16	8.9 / 13.6	13.6	10	100
61806681	14	20	12.9 / 18.7	18.7	14	100
61806682	20	25	19.8 / 25.9	25.9	20	50
61806683	23	32	23.7 / 31.3	31.3	23	50
61806684	37	40	31.7 / 41.9	41.9	37	25
61806685	45	50	43.1 / 54.2	54.2	37	25
SILVYN® SPLIT COS						
61806690	10		8.9 / 13.6	13.6	10	100
61806700	14		12.9 / 18.7	18.7	14	100
61806710	20		19.8 / 25.9	25.9	20	50
61806720	23		23.7 / 31.3	31.3	23	50
61806730	37		31.7 / 41.9	41.9	37	20
61806740	45		43.1 / 54.2	54.2	45	20

Photographs are not to scale and do not represent detailed images of the respective products.

New**SILVYN® SPLIT GMP-M****SILVYN® SPLIT GMP-M****Benefits**

- Fast mounting
- Easy to disassemble

Note

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® SPLIT Page 808

Technical data**Colour delivered**

Black (RAL 9005), UV-resistant

**Material**

Halogen-free PA

**Temperature range**

-40°C to +120°C

Article number	PG size
61806686	16
61806687	20
61806688	25
61806689	32
61806691	40
61806692	50

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® RILL PA6 SINUS



Info

- Sinusoidal slit for subsequent assembly
- Made of special heat-resistant polyamide up to +140°C



SILVYN® RILL PA6 SINUS

Benefits

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

Application range

- Mechanical engineering
- Electrical industry
- Shipbuilding
- Solar applications

Product features

- High resistance to oil, petrol, acids and other chemicals
- Halogen and cadmium-free
- Abrasion-resistant

Approvals



RoHS

- NFR-13-903 from 8.4 x 11.4

Design

- Fine-profile corrugated polyamide 6 conduit with sinusoidal slit

Note

- Upon 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 with DIN 53 455: 50 - 200 %
Impact resistance in accordance with DIN 53 453: without rupture
Notched impact resistance in accordance with DIN 53 453: without rupture
Flammability rating: UL 94HB



Colour delivered

Black (RAL 9005), UV-resistant



Material

PA6 heat-modified
Cadmium-free
Halogen-free



Temperature range

-40°C to +140°C

Article number	Internal Ø x external Ø (mm)	Inner Ø (mm)	Suitable for SILVYN® holder	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

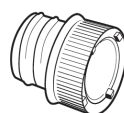
Similar products

- SILVYN® SPLIT refer to page 808

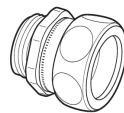
Accessories

- SILVYN® SPLIT COS refer to page 809
- SILVYN® FCL refer to page 804
- STKP tool of the cable eater serves as an insertion tool

SILVYN® AS



SILVYN® US-AS

SILVYN®
US/US-M + US-AS
IP 40

SILVYN® MSK-M

SILVYN® AS

■ Benefits

- High-tensile
- High crush-resistance
- Flexible
- High mechanical resistance
- Heat-resistant

■ Application range

- Automation technology
- Mechanical engineering
- Plant engineering
- Rolling stock
- Applications with high mechanical stress

■ Approvals



- VDE
- DIN 49012, complies with design G according to EN 500886-2-3
- In EX-area according to VDE 0165 DIN EN 50281-1-2

■ Design

- Spirally-wound metal protective conduit with roughened profile

■ Note

- Upon request
- PU 10 m

■ Technical data



Material

Cold strip DC Ø3 according to EN 10139, zinc-plated Fe/Zn3



Temperature range

Up to +220°C

Article number	PG size	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

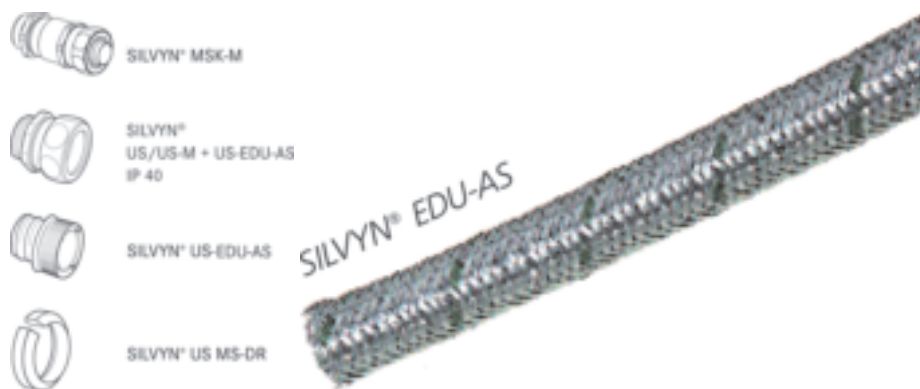
■ Similar products

- SILVYN® EDU-AS refer to page 813

■ Accessories

- SILVYN® MSK-M US refer to page 816
- SILVYN® US-M refer to page 777
- SILVYN® US refer to page 778
- SILVYN® US-AS refer to page 819

SILVYN® EDU-AS



SILVYN® EDU-AS

■ Benefits

- Protects against hot chips
- High-tensile
- High crush-resistance
- Flexible
- For high mechanical stress

■ Application range

- Mechanical engineering
- Plant engineering
- Automation technology
- Used in areas where cables and wires could be damaged by welding sparks and hot chips
- Applications with high mechanical stress

■ Approvals



- VDE
- DIN 49012, complies with design K according to EN 500886-2-3
- In EX-area according to VDE 0165 DIN EN 50281-1-2

■ Design

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

■ Note

- Upon request
- PU 10 m
- Up to +400°C

■ Technical data



Material
Cold strip DC Ø3 according to EN 10139, zinc-plated Fe/Zn3
Braiding: zinc-plated steel wire



Temperature range
Up to +220°C

Article number	PG size	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® MSK-M US refer to page 816
- SILVYN® US-M refer to page 777
- SILVYN® US refer to page 778
- SILVYN® US-EDU-AS refer to page 819
- SILVYN® US-MS-DR refer to page 819

SILVYN® EMC AS-CU



SILVYN® EMC AS-CU

■ Benefits

- Optimum EMC protection
- High-tensile
- High crush-resistance
- Flexible
- High mechanical resistance

■ Application range

- Mechanical engineering
- Automotive industry
- Conveyor technology
- Railway applications / vehicle construction
- Used in areas where electromagnetic interferences can occur

■ Product features

- According to VG 95373 Part 41, a screening factor from 10 MHz up to 30 dB can be reached.

■ Approvals



■ Design

- Spirally-wound metal protective conduit with roughened profile
- Tinned-copper braiding

■ Technical data



Material

Inner conduit: cold strip St 2 according to EN 10139 Fe/Zn3, galvanised. Braiding: tinned-copper



Temperature range

Up to +150 °C

Article number	Article designation	Article IØ x OØ (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 (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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- 3M Scotch™ 1183 screening tape refer to page 944
- SILVYN® MSK-M US refer to page 816
- SILVYN® US-M refer to page 777
- SILVYN® US refer to page 778
- SILVYN® US-EDU-AS refer to page 819
- SILVYN® US-MS-DR refer to page 819

SILVYN® AS-P



SILVYN® AS-P

Benefits

- Protects against liquids
- High-tensile
- High crush-resistance
- Flexible
- High mechanical resistance

Application range

- Mechanical engineering
- Plant engineering
- Automation technology
- Used in areas where liquids are present
- Applications with high mechanical stress

Approvals



- VDE
- DIN 49012, complies with design I according to EN 500886-2-3

Design

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

Note

- Upon request
- RAL 9005 schwarz/UV-beständig

Technical data

RAL	Colour delivered Grey
	Material Cold strip DC Ø3 according to DIN 10139, zinc-plated Fe/Zn3 Sheath: PVC
	Temperature range -25°C to +80°C Short-term: up to +100°C

Article number	PG size	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US/US-EDU-AS/US MS-DR	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

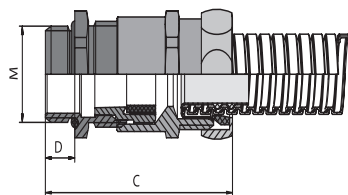
Accessories

- SILVYN® MSK-M US refer to page 816
- SILVYN® US-M refer to page 777
- SILVYN® US refer to page 778
- SILVYN® US-AS refer to page 819
- SILVYN® US-EDU-AS refer to page 819

Metal protective cable conduit systems

SILVYN® AS/EDU-AS/AS-P

SILVYN® MSK-M US



SILVYN® MSK-M US

■ Benefits

- Optimum cable and conduit strain relief
- Maximum cable sealing
- Fast and easy assembly
- Wide clamping range
- Anti-turn protection

■ Application range

- In combination with protective conduit
- SILVYN® AS
- SILVYN® EDU-AS/EMC AS-CU/AS-P
- Indoor / outdoor applications
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

■ Product features

- Combination of SILVYN® and SKINTOP®

■ Approvals



■ Design

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

■ Note

- Upon request
- With XL connection thread (on request)
- For suitable accessories, refer to SKINTOP® metric 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



Protection rating

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



Temperature range

-30°C to +100°C

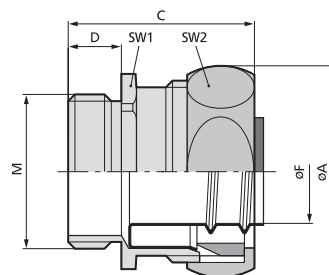
Article number	Article designation	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN® MSK-M for SILVYN® AS			
55506080	MSK-M M12x1,5 AS	AS 7	5
55506081	MSK-M M16x1,5 AS	AS 9	5
55506082	MSK-M M20x1,5 AS	AS 11	5
55506083	MSK-M M25x1,5 AS	AS 16	5
55506084	MSK-M M32x1,5 AS	AS 21	5
55506085	MSK-M M40x1,5 AS	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

Other variations with multiple SKINTOP® DIX-M sealing inserts are available upon request.
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® DIX-M refer to page 672
- SKINTOP® DIX-M AUTOMATION refer to page 673
- SKINTOP® DIX-DV refer to page 675

SILVYN® US-M



SILVYN® US-M

Benefits

- High tensile strength
- Space-saving
- Vibration protection
- Can be used universally

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
- Can be used as an EMC gland by using the SILVYN® US-MS-DR brass ring

Approvals



Design

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

Note

- Required inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- To be ordered separately based on the preferred conduit system

Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® EDU-AS Page 813
- SILVYN® FD-PU Page 775
- SILVYN® AS-P Page 815
- SILVYN® EMC AS-CU Page 814

Technical data



Material
Body: nickel-plated brass
Sealing ring: TPE



Protection rating
IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 54 (with SILVYN® FPS and FD-PU)
IP 66 (with SILVYN® AS-P)



Temperature range
-40 °C to +125 °C

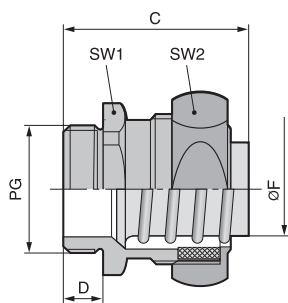
Article number	Size M	SW 1/2 mm	C mm	D (mm)	Suitable for SILVYN® FD-PU/FPS	Suitable for SILVYN® AS	Suitable for SILVYN® EDU-AS/AS-P/EMC AS-CU	Pieces / PU
SILVYN® US-M								
55501500	10 x 1.0	15 / 17	31	10	7 x 10	8 x 10	7 x 10	50
55501510	12 x 1.5	19 / 21	33	10	10 x 14	11 x 14	10 x 14	50
55501520	16 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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® MSK-M EE refer to page 776
- SILVYN® MSK-M US refer to page 816

SILVYN® US



SILVYN® US

■ Benefits

- High tensile strength
- Space-saving
- Vibration protection
- Can be used universally

■ 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
- Can be used as an EMC gland by using the SILVYN® US-MS-DR brass ring

■ Approvals



■ Design

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

■ Note

- Required inner sleeve is not included
- SILVYN® EE-K
- SILVYN® US-AS/US-EDU-AS
- To be ordered separately based on the preferred conduit system

■ Suitable conduits

- SILVYN® FPS Page 774
- SILVYN® EDU-AS Page 813
- SILVYN® FD-PU Page 775
- SILVYN® AS-P Page 815
- SILVYN® EMC AS-CU Page 814

■ Technical data



Material

Body: nickel-plated brass
Sealing ring: TPE



Protection rating

IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU)
IP 54 (with SILVYN® FPS and FD-PU)
IP 66 (with SILVYN® AS-P)



Temperature range

-40°C to +125°C

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

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

- Cable damage can be prevented

SILVYN® US-EDU-AS

- Cable damage can be prevented

SILVYN® US-MS-DR

- Enables the discharge of interference currents through the connection with the SILVYN® US-M/US gland
- 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
- Conduit end cover

SILVYN® US-EDU-AS

- In combination with protective conduit
- SILVYN® EDU-AS/EMC AS-CU/AS-P
- Conduit end cover

SILVYN® US-MS-DR

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

■ Product features

SILVYN® US-AS

- All-round collar completely covers the protective conduit end

SILVYN® US-EDU-AS

- All-round collar completely covers the protective conduit end

■ Approvals



■ Design

SILVYN® US-AS

- Threaded sleeve

SILVYN® US-EDU-AS

- Threaded 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

■ Technical data



Material

SILVYN® US-AS

Nickel-plated brass

SILVYN® US-EDU-AS

Brass

SILVYN® US-MS-DR

Brass

■ 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

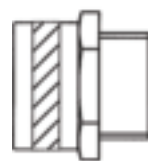
SILVYN® US-MS-DR

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

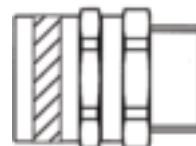
Article number	PG size	AØ tube - IØ sleeve (mm)	For conduit with outer Ø (mm)	Pieces / PU
SILVYN® US-AS for SILVYN® AS				
61802180	7	10.0 - 6.5	10.0	50
61802190	9	14.0 - 9.5	14.0	50
61802200	11	17.0 - 12.5	17.0	50
61802210	13.5	19.0 - 14.5	19.0	50
61802220	16	21.0 - 16.5	21.0	50
61802230	21	27.0 - 21.5	27.0	25
61802240	29	36.0 - 29.5	36.0	25
61802250	36	45.0 - 38.0	45.0	20
61802270	48	56.0 - 48.0	56.0	10
SILVYN® US-EDU-AS for SILVYN® EDU-AS/AS-P				
61802480	7	10.0 - 6.5	10.0	50
61802490	9	14.0 - 9.0	14.0	50
61802500	11	17.0 - 12.0	17.0	50
61802510	13.5	19.0 - 14.0	19.0	50
61802520	16	21.0 - 16.0	21.0	50
61802530	21	27.0 - 20.0	27.0	25
61802540	29	36.0 - 28.0	36.0	25
61802550	36	45.0 - 37.0	45.0	20
61802570	48	56.0 - 48.0	56.0	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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® SSUE



SILVYN® LGEF-M



SILVYN® LGES-M

SILVYN® SSUE

■ Benefits

- High-tensile
- Corrosion-resistant
- Flexible
- For high mechanical stress
- Heat-resistant

■ Application range

- Offshore applications
- Measuring technology
- Plant engineering
- Outdoors
- Applications with high mechanical stress

■ Product features

- Stainless steel AISI 316

■ Approvals



- UNDERGROUND

■ Design

- Spirally-wound stainless steel protective conduit with roughened profile

■ Note

- Sizes 10, 12 with double-interlocked Agraff profile

■ Technical data



Approvals

Railway:
UNDERGROUND,
Link-up



Note

Sizes 10, 12 with double-interlocked Agraff profile



Material

Stainless steel AISI 316



Protection rating

IP 40



Temperature range

-100°C to +400°C

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® LGEF-M/LGES-M	PU ring (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	37.6 x 42.5	80	37.6	M 40 x 1,5	10
61804613	50	48.4 x 53.0	90	48.4	M 50 x 1,5	10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® UI 511 refer to page 822

■ Accessories

- SILVYN® LGES-M refer to page 821
- SILVYN® LGEF-M refer to page 821

SILVYN® LGEF-M / SILVYN® LGES-M



SILVYN® LGEF-M



SILVYN® LGES-M

■ Benefits

SILVYN® LGES-M

- Corrosion-resistant
- For rotating applications
- High tensile strength
- Space-saving

SILVYN® LGEF-M

- Corrosion-resistant
- For fixed applications
- High tensile strength
- Space-saving

■ Application range

- In combination with protective conduit
- Protective cable conduit system SILVYN® SSUE
- Offshore applications
- Outdoors
- Applications with high mechanical stress

■ Product features

- Stainless steel AISI 316

■ Approvals



■ Design

SILVYN® LGES-M

- Metric connection thread
- Hexagonal collar with torsion element
- Cap nut

SILVYN® LGEF-M

- Metric connection thread
- Hexagonal collar
- Cap nut

■ Suitable conduits

- SILVYN® SSUE Page 820

■ Technical data



Material
Stainless steel AISI 316



Protection rating
IP 40



Temperature range
-100°C to +400°C

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

Metal protective cable conduit systems

SILVYN® UI 511 stainless steel

SILVYN® UI 511



■ Benefits

- High-tensile
- Corrosion-resistant
- Suitable for outdoor use and direct burial
- For high mechanical stress
- Heat-resistant

■ Application range

- Offshore applications
- Measuring technology
- Plant engineering
- Steel industry
- Applications with the highest mechanical stresses

■ Product features

- Stainless steel AISI 304

■ Approvals



■ Design

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



Info

- Double-interlocked Agraff profile
- For the most demanding mechanical requirements

■ Technical data



Note

Size 2" not stocked!



Material

Stainless steel AISI 304
DW no. 1.4301

Protection rating

IP40



Temperature range

-100 °C to +600 °C

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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- Protective cable conduit system SILVYN® SSUE refer to page 820

■ Accessories

- SILVYN® UI 511 -G refer to page 823
- SILVYN® UI 511 -EG refer to 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 high mechanical stress
- High chemical-resistance

SILVYN® UI 511 -EG

- Corrosion-resistant
- High tensile strength
- For high mechanical stress
- High chemical-resistance

■ Application range

- In combination with protective conduit
- SILVYN® UI 511
- Offshore applications
- Outdoors
- Steel industry

■ Product features

SILVYN® UI 511 -G

- Nickel-plated brass

SILVYN® UI 511 -EG

- Stainless steel AISI 303

■ Approvals



■ Note

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

■ Design

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

■ Suitable conduits

- SILVYN® UI 511 Page 822

■ Technical data



Material

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



Temperature range

-45°C to +105°C

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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

SILVYN® UI 511 -G

- SILVYN® UI 511 -EG refer to page 823

SILVYN® CNP / SILVYN® CNP conduit gland



SILVYN® CNP



SILVYN® CNP conduit gland

■ Benefits

SILVYN® CNP

- Protection against mechanical stress
- Protects against liquids
- Bendable

- Highly oil and acid-resistant
- UL/CSA-approved

SILVYN® CNP conduit gland

- Corrosion-resistant
- High tensile strength
- For high mechanical stress
- High chemical-resistance
- UL/CSA-approved

■ Application range

SILVYN® CNP

- Mechanical engineering
- Robot-building
- Vending machine construction
- Exporters

SILVYN® CNP conduit gland

- In combination with protective conduit
- Protective cable conduit system SILVYN® CNP
- Mechanical engineering
- Exporters
- Vending machine construction

■ Approvals



■ Design

SILVYN® CNP

- PVC inner conduit
- Nylon braiding
- Plastic outer sheath

SILVYN® CNP conduit gland

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

■ Note

SILVYN® CNP conduit gland

- 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 conduit gland
Body: cast steel with zinc-plated surface
Inner sleeve: PA



Protection rating
SILVYN® CNP conduit gland
IP 67



Temperature range
SILVYN® CNP
-20°C to +60°C
CSA: -18°C to +75°C
Short-term: up to +80°C

Article number	Article designation	Internal Ø x external Ø (mm)	Dynamic bending radius (mm)	Static/dynamic bending radius in mm	min. internal Ø	For conduit with outer Ø (mm)	Overall length, C (mm)	Internal Ø	SW (mm)	Suitable for SILVYN® CNP-G	PU ring (m)
SILVYN® CNP											
61712930	3/8"	21.0 x 29.5	100	70.0/100.0	21.0	29.5		21.0		1/2"	76
61722330	1/2"	35.1 x 46.0	125	90.0/125.0	35.1	46.0		35.1		1/2"	60
61722340	3/4"	40.7 x 52.4	160	115.0/160.0	40.7	52.4		40.7		3/4"	53
61712460	1."	12.6 x 19.4	200	170.0/200.0	12.6	19.4		12.6		1."	30
61712910	1 1/4"	16.1 x 23.4	240	200.0/240.0	16.1	23.4		16.1		1 1/4"	15
61722270	1 1/2"	26.5 x 36.3	290	230.0/290.0	26.5	36.3		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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

SILVYN® CNP

- SILVYN® CNP conduit gland refer to page 824

New

SILVYN® HIPROJACKET CR / SILVYN® HIPROSILTAPE / SILVYN® HIPROJACKET



Info

NEW!!!



SILVYN® HIPROJACKET CR

■ Design

SILVYN® HIPROJACKET

- Glass fibre inner conduit
- Iron oxide silicone coat

■ Note

SILVYN® HIPROJACKET

- Upon request
- SILVYN® HIPROJACKET up to NW 127
- SILVYN® HIPROSILTAPE heat-resistant insulation tape to increase the protection rating

■ Suitable conduits

SILVYN® HIPROSILTAPE

- SILVYN® HIPROJACKET Page 825

SILVYN® HIPROJACKET CR

- SILVYN® HIPROJACKET Page 825

■ Suitable tools

SILVYN® HIPROSILTAPE

- 501 multipurpose shears refer to page [P1242]
- Multipurpose shears A and B refer to page 902

SILVYN® HIPROJACKET

■ Technical data



Approvals

SILVYN® HIPROJACKET
NFF 16-101 I2 (French railway system)



Colour delivered

SILVYN® HIPROJACKET
Conduit: red
SILVYN® HIPROSILTAPE
red



Material

SILVYN® HIPROJACKET
Conduit: glass fibre with iron oxide silicone coat LOI 42.5
Clamp ring: nickel-plated brass
SILVYN® HIPROSILTAPE
Silicone-rubber compound, self-vulcanising, halogen-free



Protection rating

SILVYN® HIPROJACKET
In combination with HIPROJACKET CR and AMG-M conduit gland IP54
IP67 if HIPROSILTAPE is also used



Temperature range

SILVYN® HIPROJACKET
-40 °C to +260 °C permanent temp.
+1090 °C for approx. 20 minutes
+1640 °C for approx. 15-30 seconds
SILVYN® HIPROSILTAPE
-55 °C to +260 °C

■ Benefits

SILVYN® HIPROJACKET

- Heat-resistant
- Flexible
- Temporarily reduces the temperature in the conduit by up to 30 %

SILVYN® HIPROSILTAPE

- The protection rating increases to IP67 if HIPROSILTAPE is also used
- Oil-resistant
- Heat-resistant

■ Application range

SILVYN® HIPROJACKET

- Steel industry
- Furnace construction
- Plastics industry
- Mechanical engineering
- Used in areas where cables and wires are exposed to extreme heat

■ Approvals



SILVYN® HIPROJACKET

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

Article number	Article designation	Anamet designation	Internal Ø x external Ø (mm)	Nominal size	Inner Ø (mm)	For conduit with outer Ø (mm)	PU ring (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
61713040	SILVYN® HIPROSILTAPE 25	red		1			11
SILVYN® HIPROJACKET CR clamping ring							
61713030	SILVYN® HIPROJACKET CR	817.512.0		10/13			50
61713031	SILVYN® HIPROJACKET CR	817.516.0		13/16		22.0	50
61713032	SILVYN® HIPROJACKET CR	817.520.0		19/22		28.0	25
61713033	SILVYN® HIPROJACKET CR	817.526.0		25		31.0	10
61713034	SILVYN® HIPROJACKET CR	817.535.0		32/35		41.0	5
61713035	SILVYN® HIPROJACKET CR	817.540.0		38		44.0	5
61713036	SILVYN® HIPROJACKET CR	817.550.0		51		57.0	4

Photographs are not to scale and do not represent detailed images of the respective products.
Sizes 1 1/2" and 2" without copper conductors

■ Accessories

SILVYN® HIPROJACKET

- SILVYN® HIPROSILTAPE refer to page 825
- SILVYN® HIPROJACKET CR refer to page 825
- SILVYN® AMG-M refer to page 829
- SILVYN® AMHW-M refer to page 829
- SILVYN® AMW-M refer to page 829
- SILVYN® AMG refer to page 830

SILVYN® HTDL



SILVYN® HTDL

SILVYN® HTDL/EF/OR/HCK/HFK/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

- Protects against liquids
- High-tensile
- Robust
- High crush-resistance
- UL/CSA-approved

■ Application range

- Mechanical engineering
- Plant engineering
- Transformer construction
- Railway applications
- Exporters

■ Approvals



- NEC 501-4B

■ Design

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

■ Note

- With continuous copper conductor for earthing in the case of the nominal sizes 3/8" up to and including 1 1/4". 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



Temperature range
-40°C to +105°C
Short-term: up to +120°C

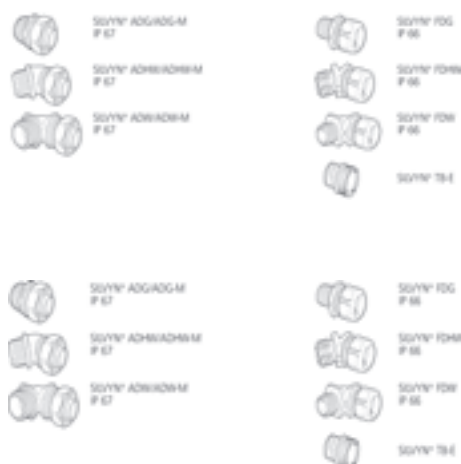
Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	PU ring (m)
SILVYN® HTDL					
61814190	3/8"	12.6 x 17.8	85	12.6	60
61814200	1/2"	16.1 x 21.1	110	16.1	60
61814210	3/4"	21.1 x 26.4	140	21.1	45
61814220	1"	26.8 x 33.1	170	26.8	30
61814230	1 1/4"	35.4 x 41.8	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

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SILVYN® AMG-M refer to page 829
- SILVYN® AMHW-M refer to page 829
- SILVYN® AMW-M refer to page 829
- SILVYN® AMG refer to page 830
- SILVYN® FDG/FDHW/FDW refer to page 831
- SILVYN® TB-E refer to page 833



SILVYN® EF



SILVYN® OR



Benefits

SILVYN® EF

- Protects against liquids
- High-tensile
- Robust
- High crush-resistance
- Extra flexible

SILVYN® OR

- Protects against liquids
- High-tensile
- Robust
- High crush-resistance
- Highly oil and acid-resistant

Application range

- Mechanical engineering
- Plant engineering
- Transformer construction
- Railway applications
- Paper industry

Approvals



Design

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

Note

SILVYN® EF

- PU = 10 m (on request)
- Black colour is available upon request

SILVYN® OR

- PU = 10 m (on request)

Technical data



Colour delivered

SILVYN® EF

Grey

SILVYN® OR

Black



Material

SILVYN® EF

Galvanized steel with PVC sheath

SILVYN® OR

Galvanized steel with special PVC sheath



Temperature range

SILVYN® EF

-25 °C to +70 °C Short-term: up to +90 °C

SILVYN® OR

-20 °C to +100 °C

Short-term: up to +120 °C

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

SILVYN® EF

- Protective cable conduit system SILVYN® LTP refer to page 838
- SILVYN® HTDL refer to page 826
- SILVYN® OR refer to page 827

SILVYN® OR

- SILVYN® HCX refer to page 828
- SILVYN® HFX refer to page 828

Accessories

- SILVYN® AMG-M refer to page 829
- SILVYN® AMHW-M refer to page 829
- SILVYN® AMW-M refer to page 829
- SILVYN® AMG refer to page 830
- SILVYN® FDG/FDHW/FDW refer to page 831
- SILVYN® TB-E refer to page 833

SILVYN® HCX



SILVYN® HFX



Benefits

SILVYN® HCX

- Protects against liquids
- High-tensile
- Robust
- High crush-resistance
- High temperature resistance

SILVYN® HFX

- High crush-resistance
- Robust
- Abrasion protection
- Protection against chemicals
- Protects against liquids

Application range

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

Product features

- UV-resistant

Approvals



SILVYN® HFX

- SNCF

Design

SILVYN® HCX

- Spirally-wound heavy metal protective conduit with roughened profile
- Heat-stabilised plastic outer sheath

SILVYN® HFX

- Spirally-wound heavy metal protective conduit with roughened profile
- PUR outer sheath

Note

- PU = 10 m (on request)

Technical data



Approvals

SILVYN® HCX

Railway: SNCF



Upon request

Longer lengths on drums, 10 m coils are available upon request



Colour delivered

Black



Material

SILVYN® HCX

Metal with thermoplastic elastomer sheath

SILVYN® HFX

Metal with PUR sheath



Temperature range

SILVYN® HCX

-55°C to +145°C

Short-term: up to +160°C

SILVYN® HFX

-45 °C to +105 °C

Short-term up to +125 °C

Article number	Article designation	Internal Ø x external Ø (mm)	Dynamic bending radius (mm)	Inner Ø (mm)	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SILVYN® AMG-M refer to page 829
- SILVYN® AMHW-M refer to page 829
- SILVYN® AMW-M refer to page 829
- SILVYN® AMG refer to page 830
- SILVYN® FDG/FDHW/FDW refer to page 831
- SILVYN® TB-E refer to page 833

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



Benefits

SILVYN® AMG-M

- High tensile strength
- For high mechanical stress
- Enhanced sealing
- Easy to disassemble

SILVYN® AMHW-M

- 45° elbow enables optimal assembly
- High tensile strength
- For high mechanical stress
- Enhanced sealing
- Easy to disassemble

SILVYN® AMW-M

- 90° elbow enabled best assembling
- High tensile strength
- For high mechanical stress
- Enhanced sealing
- Easy to disassemble

Application range

SILVYN® AMG-M

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Mechanical engineering
- Railway applications
- Outdoors

SILVYN® AMHW-M

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Mechanical engineering
- Railway applications
- For applications with limited space

SILVYN® AMW-M

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Mechanical engineering
- Railway applications
- For applications with limited space

Approvals



SILVYN® AMG-M

- UL
- CSA

SILVYN® AMW-M

- UL
- CSA

Design

SILVYN® AMG-M

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

SILVYN® AMHW-M

- Metric connection thread
- 45° elbow, hexagonal collar
- Threaded sleeve
- Cap nut

SILVYN® AMW-M

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

Technical data



Material
Body: nickel-plated brass
Sealing: polyamide
O-ring: NBR



Protection rating
IP 67



Temperature range
-45°C to +105°C

Note

SILVYN® AMG-M

- Version with a maximum temperature of +145°C is available upon request
- SILVYN® AMG-M 16/1 x 1.5 without UL/CSA approval

SILVYN® AMHW-M

- Version with a maximum temperature of +145°C is available upon request

SILVYN® AMW-M

- Version with a maximum temperature of +145°C is available upon request

Suitable conduits

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

Article 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"	50
55503241	16/2 x 1,5	812.016.1	26.0	3/8"	50
55503242	20 x 1,5	812.020.1	29.0	1/2"	50
55503243	25 x 1,5	812.025.1	35.0	3/4"	25
55503244	32 x 1,5	812.032.1	45.0	1"	10
55503245	40 x 1,5	812.040.1	54.0	1 1/4"	5
55503246	50 x 1,5	812.050.1	62.0	1 1/2"	5
55503247	63 x 1,5	812.063.1	77.0	2"	4
SILVYN® AMHW-M 45°					
55503250	16 x 1,5	812.416.1	26.0	3/8"	50
55503251	20 x 1,5	812.420.1	29.0	1/2"	50
55503252	25 x 1,5	812.425.1	35.0	3/4"	25
55503253	32 x 1,5	812.432.1	45.0	1"	10
55503254	40 x 1,5	812.440.1	54.0	1 1/4"	5
55503255	50 x 1,5	812.450.1	62.0	1 1/2"	5
55503256	63 x 1,5	812.463.1	77.0	2"	4
SILVYN® AMW-M 90°					
55503260	16 x 1,5	812.916.1	26.0	3/8"	50
55503261	20 x 1,5	812.920.1	29.0	1/2"	50
55503262	25 x 1,5	812.925.1	35.0	3/4"	25
55503263	32 x 1,5	812.932.1	45.0	1"	10
55503264	40 x 1,5	812.940.1	54.0	1 1/4"	5
55503265	50 x 1,5	812.950.1	62.0	1 1/2"	5
55503266	1"	812.963.1	77.0	2"	4

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

SILVYN® AMG-M

- SILVYN® HIPROJACKET CR refer to page 825

SILVYN® AMG



SILVYN® AMG

■ Benefits

- High tensile strength
- For high mechanical stress
- Enhanced sealing
- Easy to disassemble
- 45° and 90° elbow enables optimal assembly

■ Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Mechanical engineering
- Railway applications
- Outdoors

■ Approvals



■ Design

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

■ Note

- Version with a maximum temperature of +145°C is available upon 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: polyamide
O-ring: NBR



Protection rating

IP 67



Temperature range

-45°C to +105°C

Article 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"	50
55503308	AMG 11 / 1	810.012.1	26	5/16"	50
55503309	AMG 11 / 2	810.011.1	26	3/8"	50
55503310	AMG 13,5	810.013.1	26	3/8"	50
55503311	AMG 16	810.016.1	29	1/2"	50
55503312	AMG 21	810.021.1	35	3/4"	25
55503313	AMG 29	810.029.1	45	1"	10
55503314	AMG 36	810.036.1	54	1 1/4"	5
55503315	AMG 42	810.042.1	63	1 1/2"	5
55503316	AMG 48	810.048.1	77	2"	4
55503306	AMG 9 / 1	810.009.1	26	5/16"	50
55503307	AMG 9 / 2	810.010.1	26	3/8"	50
SILVYN® AMHW 45°					
55503317	AMHW 11 / 1	810.412.1	26	5/16"	50
55503318	AMHW 11 / 2	810.411.1	26	3/8"	50
55503319	AMHW 13,5	810.413.1	26	3/8"	50
55503320	AMHW 16	810.416.1	29	1/2"	50
55503321	AMHW 21	810.421.1	35	3/4"	25
55503322	AMHW 29	910.429.1	45	1"	10
55503323	AMHW 36	810.436.1	54	1 1/4"	5
55503324	AMHW 42	810.442.1	63	1 1/2"	5
55503325	AMHW 48	810.448.1	77	2"	4
SILVYN® AMW 90°					
55503326	AMW 11 / 1	810.912.1	26	5/16"	50
55503327	AMW 11 / 2	810.911.1	26	3/8"	50
55503328	AMW 13,5	810.913.1	26	3/8"	50
55503329	AMW 16	810.916.1	29	1/2"	50
55503330	AMW 21	810.921.1	35	3/4"	25
55503331	AMW 29	810.929.1	45	1"	10
55503332	AMW 36	910.936.1	54	1 1/4"	5
55503333	AMW 42	810.942.1	63	1 1/2"	5
55503334	AMW 48	810.948.1	77	2"	4

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

- SILVYN® FDG/FDHW/FDW refer to page 831

SILVYN® FDG/FDHW/FDW


SILVYN® FDG/FDHW/FDW

Benefits

- High tensile strength
- For high mechanical stress
- Enhanced sealing
- Easy to disassemble
- 45° elbow enables optimal assembly

Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Mechanical engineering
- Railway applications
- Outdoors

Approvals



Design

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

Note

- Version with a maximum temperature of +145°C is available upon 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-resistance, galvanised and chrome-plated surface.
Sealing ring: PA
Inner sleeve: steel



Protection rating

IP 67



Temperature range

-45°C to +105°C

Article number	Article designation	Typ T & B	min. internal Ø	Internal Ø	SW (mm)	Suitable for SILVYN® EF/OR/HTDL/HCX/HFX	Pieces / PU
SILVYN® FDG							
52004329	9	7360	10.0	10.0	23.0	5/16"	1
52004330	11	7361	11.0	11.0	24.0	3/8"	1
52004360	13,5	7362	11.0	11.0	24.0	3/8"	1
52004390	16	7363	14.5	14.5	30.0	1/2"	1
52004420	21	7364	20.0	20.0	36.0	3/4"	1
52004450	29	7365	25.0	25.0	46.0	1"	1
52004480	36	7366	33.5	33.5	55.0	1 1/4"	1
52004510	42	7367	38.5	38.5	60.0	1 1/2"	1
52004540	48	7368	49.5	49.5	80.0	2"	1
SILVYN® FDG NPT thread							
52021580	1/2"	5331	11.0	11.0	26.0	3/8"	1
52021560	1/2"	5332	14.5	14.5	32.0	1/2"	1
52021570	3/4"	5333	20.0	20.0	41.0	3/4"	1
52021590	1"	5334	25.0	25.0	46.0	1"	1
52021600	1 1/4"	5335	33.5	33.5	55.0	1 1/4"	1
52021610	1 1/2"	5336	38.5	38.5	65.0	1 1/2"	1
52021611	2"	5337	49.5	49.5	80.0	2"	1
SILVYN® FDHW 45° angled							
52004560	11	7341	11.0	11.0	26.0	3/8"	1
52004590	13,5	7342	11.0	11.0	26.0	3/8"	1
52004620	16	7343	14.5	14.5	32.0	1/2"	1
52004650	21	7344	20.0	20.0	36.0	3/4"	1
52004680	29	7345	25.0	25.0	46.0	1"	1
52004710	36	7346	33.5	33.5	55.0	1 1/4"	1
52004770	48	7348	49.5	49.5	75.0	2"	1
SILVYN® FDHW 45° NPT thread							
52023290	1/2"	5341	11.0	11.0	28.0	3/8"	1
52021620	1/2"	5342	14.5	14.5	30.0	1/2"	1
52021630	3/4"	5343	20.0	20.0	41.0	3/4"	1
52021640	1"	5344	25.0	25.0	46.0	1"	1
52021650	1 1/4"	5345	33.5	33.5	55.0	1 1/4"	1
52021660	1 1/2"	5346	38.5	38.5	56.0	1 1/2"	1
52021661	2"	5347	49.5	49.5	75.0	2"	1
SILVYN® FDW 90° angled							
52004790	11	7351	12.0	12.0	25.0	3/8"	1
52004820	13,5	7352	14.5	14.5	25.0	3/8"	1
52004850	16	7353	14.5	14.5	30.0	1/2"	1
52004880	21	7354	20.0	20.0	36.0	3/4"	1
52004910	29	7355	25.0	25.0	46.0	1"	1
52004940	36	7356	33.0	33.0	55.0	1 1/4"	1
52004970	42	7357	39.0	39.0	60.0	1 1/2"	1
52005000	48	7358	50.0	50.0	75.0	2"	1
SILVYN® FDW 90° NPT thread							
52021670	1/2"	5351	11.0	11.0	28.0	1	1
52021680	1/2"	5352	14.5	14.5	32.0	1	1
52023440	3/4"	5353	20.0	20.0	36.0	1	1
52021690	1"	5354	25.0	25.0	46.0	1	1
52023830	1 1/4"	55	33.5	33.5	55.0	1	1
52021710	1 1/2"	5356	38.5	38.5	60.0	1	1
52021711	2"	5357	49.5	49.5	75.0	1	1

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® AMG refer to page 830

New

SILVYN® FG



SILVYN® FG

SILVYN® HTSL/EF/OR/HCE/HFX/HIPRO/JACKET

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

- Protects against liquids
- High-tensile
- Smooth, white surface makes it easy to clean
- High crush-resistance
- FDA-approved outer sheath

Application range

- Mechanical engineering
- Plant engineering
- Food and beverage industry, especially for production and processing equipment of milk and meat products
- Pharmaceutical industry
- Food packaging machinery

Product features

- Flexible
- Crush-resistant
- Impact-resistant
- High-tensile

Approvals



- Approved according to FDA CFR 21 and NSF 51 (standard for the USA)

Design

- Spirally-wound heavy metal protective conduit with roughened profile
- Special, FDA-approved plastic sheath

Suitable tools

- SILVYN® ANAC-WZ refer to page 840



Info

- NEW!!!
- Specifically for the food and drinks industry

Technical data



Colour delivered
White



Material
Electro-galvanised, strip-wound inner hoop-steel hose with special plastic sheath



Temperature range
-20°C to +60°C
Short-term: +80 °C

Article number	Anamet designation	Internal Ø x external Ø (mm)	Nominal size	Bending radius (mm)	Dynamic bending radius (mm)	Inner Ø (mm)	PU ring (m)
SILVYN FG							
55503279	341.012.01	12,6 x 17,8	3/8"	60	85	12,6	30
55503280	341.016.01	16,0 x 21,1	1/2"	75	110	16,0	30
55503281	341.020.1	21,0 x 26,4	3/4"	90	140	21,0	30
55503282	341.026.1	26,5 x 33,1	1"	120	170	26,5	30
55503283	341.035.1	35,1 x 41,8	1 1/4"	135	215	35,1	15
55503284	341.040.1	40,3 x 47,8	1 1/2"	165	250	40,3	15
55503285	341.050.1	51,6 x 59,9	2"	210	300	51,6	15

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

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- TY-RAP® Detektierbarer Kabelbinder refer to page 956
- SILVYN® AMG-M refer to page 829
- SILVYN® AMHW-M refer to page 829
- SILVYN® AMW-M refer to page 829
- SILVYN® AMG refer to page 830
- SILVYN® FDG/FDHW/FDW refer to page 831
- SILVYN® TB-E refer to page 833

New

SILVYN® FG AMG-M



Info

- **NEW!!!**
- Specifically for the food and drinks industry



Benefits

- High tensile strength
- For high mechanical stress
- Enhanced sealing
- Easy to disassemble
- Special sealing element for food and beverage industry, tested in acc. to FDA CFR 21 and NSF 51 (USA)

Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Mechanical engineering
- Food and beverage industry, especially for production and processing equipment of milk and meat products
- Outdoors

Approvals



Design

- Metric connection thread
- Hexagonal collar
- Threaded sleeve
- Cap nut
- Special seal element

Suitable conduits

- SILVYN® HTDL Page 826
- SILVYN® HIPROJACKET Page 825
- SILVYN® OR Page 827
- SILVYN® HCX Page 828
- SILVYN® HFX Page 828
- SILVYN® FG Page 832

Technical data



Material

Body: AISI 316 stainless steel
Inner seal: polyamide 6
O-ring and outer seal: FDA-approved TPE



Protection rating

IP 69K according to DIN 40050 T.9



Temperature range

-45°C to +105°C

Article number	Anamet designation	Nominal size	For conduit with outer Ø (mm)	Length	Internal Ø	SW (mm)	Pieces / PU
SILVYN AMG FG							
55503275	832.016.9	3/8"	17.8	33.0	10.2	26.0	50
55503276	832.020.9	1/2"	21.1	35.0	13.9	29.0	50
55503277	832.025.9	3/4"	26.4	37.0	18.5	35.0	25
55503278	832.032.9	1"	33.1	42.0	23.8	45.0	10

Photographs are not to scale and do not represent detailed images of the respective products.

Benefits

- Cable damage can be prevented

Application range

- In combination with protective conduit
- SILVYN® HTDL/EF/OR/HCX/HFX/FG HIPROJACKET
- Conduit end cover

Product features

- All-round collar completely covers the protective conduit end

Approvals



Technical data



Material
Steel

Design

- Threaded sleeve

Suitable conduits

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

SILVYN® TB-E



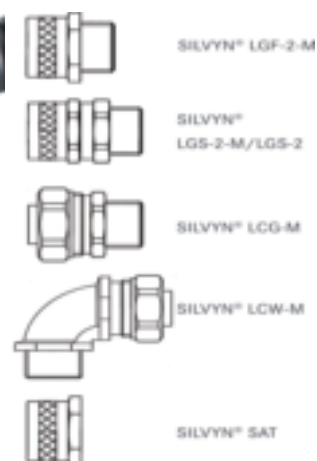
Article number	Article designation	Typ T & B	Suitable for Anaconda conduits	Pieces / PU
SILVYN TB-E				
52024319	9	R 719 123	5/16"	50
52024320	11/13,5	R 719 101	3/8"	50
52024330	16	R 179 125	1/2"	50
52024340	21	R 179 126	3/4"	50
52024351	29	R 179 127	1"	25
52024361	36	R 179 128	1 1/4"	10

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® LCC-2



SILVYN® LCC-2



Benefits

- Protects against liquids
- High-tensile
- High crush-resistance
- Suitable for outdoor use and direct burial
- High mechanical resistance

Application range

- Mechanical engineering
- Plant engineering
- Outdoors
- Used in areas where liquids are present
- Applications with high mechanical stress

Approvals



Design

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

Technical data

	Colour delivered Black (RAL 9005)
	Temperature range -20°C to +70°C Short-term: up to +100°C

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Suitable for SILVYN® LGF-2-M / LGS-2-M	Suitable for SILVYN® LGS-2	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

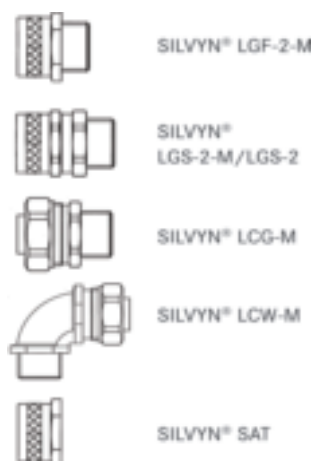
Similar products

- SILVYN® LCCH-2 refer to page 835

Accessories

- SILVYN® LGF-2-M refer to page 836
- SILVYN® LGS-2-M refer to page 836
- SILVYN® LGS-2 refer to page 836
- SILVYN® LCG-M refer to page 837
- SILVYN® LCW-M refer to page 837
- SILVYN® SAT refer to page [P1208]

SILVYN® LCCH-2



SILVYN® LCCH-2

Benefits

- High flame-retardance and self-extinguishing in accordance with UL 94V-0
- Protects against liquids
- High crush-resistance
- Suitable for outdoor use and direct burial
- High mechanical resistance

Application range

- Public utilities
- Mechanical engineering
- Outdoors
- Used in areas where liquids are present
- Applications with high mechanical stress

Product features

- Halogen-free
- Less fumes
- Low toxicity

Approvals



- UNDERGROUND
- LLOYD'S REGISTER

Design

- Spirally-wound metal protective conduit with roughened profile
- Plastic outer sheath

Technical data

RAL	Colour delivered Black (RAL 9005)
	Material Inner conduit: steel, galvanised Outer sheath: plastic, halogen-free
	Temperature range -25°C to +90°C

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SILVYN® LGF-2-M refer to page 836
- SILVYN® LGS-2-M refer to page 836
- SILVYN® LGS-2 refer to page 836
- SILVYN® LCG-M refer to page 837
- SILVYN® LCW-M refer to page 837
- SILVYN® SAT refer to page [P1208]

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



SILVYN® LGS-2

SILVYN® LGS-2-M

SILVYN® LGF-2-M

■ Benefits

SILVYN® LGF-2-M

- For fixed applications
- High tensile strength
- Space-saving

SILVYN® LGS-2-M

- For rotating applications
- High tensile strength
- Space-saving

SILVYN® LGS-2

- For rotating applications
- High tensile strength
- Space-saving

■ Application range

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

■ Approvals



■ Design

SILVYN® LGF-2-M

- Metric connection thread
- Hexagonal collar
- Cap nut

SILVYN® LGS-2-M

- Metric connection thread
- Hexagonal collar with torsion element
- Cap nut

SILVYN® LGS-2

- PG connection thread
- Hexagonal collar with torsion element
- Cap nut

■ Suitable conduits

- SILVYN® LCC-2 Page 834
- SILVYN® LCCH-2 Page 835

■ Technical data



Material
Nickel-plated brass

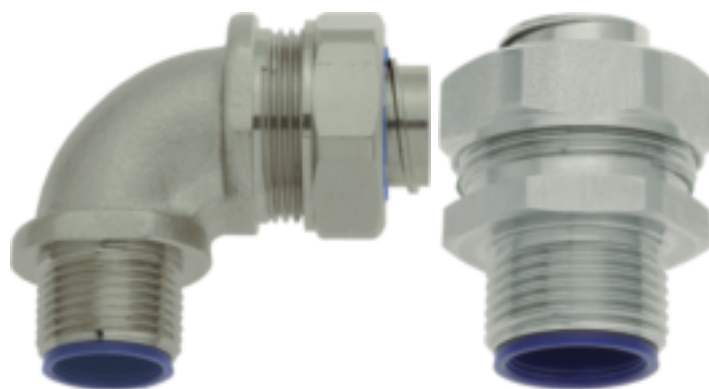


Protection rating
IP 54

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® LCW-M / SILVYN® LCG-M



SILVYN® LCW-M

SILVYN® LCG-M

■ Benefits

SILVYN® LCG-M

- High tensile strength
- Vibration protection
- Enhanced sealing

SILVYN® LCW-M

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

■ Application range

- In combination with protective conduit
- Protective cable conduit system SILVYN® LCC-2 / LCCH-2
- Applications with high mechanical stress
- Used in areas where liquids are present

■ Approvals



■ Design

SILVYN® LCG-M

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

SILVYN® LCW-M

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

■ Suitable conduits

- SILVYN® LCC-2 Page 834
- SILVYN® LCCH-2 Page 835

■ Technical data



Material
SILVYN® LCG-M
 Body: nickel-plated brass
 Seal: PA compression seal
SILVYN® LCW-M
 Body: nickel-plated brass
 O-ring: NBR



Protection rating
 IP 65

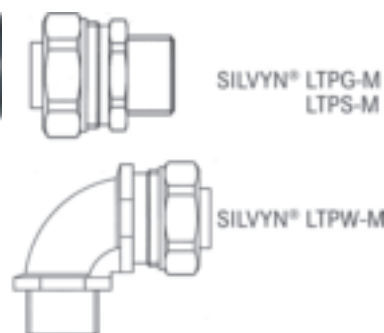
Article number	Article designation	Overall length, C (mm)	Thread length, D (mm)	SW 1/2 mm	Suitable for SILVYN® LCC-2/LCCH-2	Pieces / PU
SILVYN® LCG-M						
55503220	12 x 1,5	29.8	10.0	20 / 20	10	10
55503221	16 x 1,5 / 1	29.8	10.0	22 / 24	12	10
55503222	16 x 1,5 / 2	33.0	12.0	24 / 26	16	10
55503223	20 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® LTP



SILVYN® LTP



Benefits

- Protects against liquids
- High-tensile
- Robust
- High crush-resistance
- Largely resistant to oil and acids, UV-resistant

Application range

- Mechanical engineering
- Outdoors
- Transformer construction
- Railway applications
- Paper industry

Approvals



Design

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

Technical data

RAL	Colour delivered Black (RAL 9005)
	Material Steel, galvanised PVC sheath
	Temperature range -20°C to +105°C

Article number	Article designation	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	PU ring (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

Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- SILVYN® HTDL refer to page 826
- SILVYN® OR refer to page 827

Accessories

- SILVYN® LTPG-M refer to page 839
- SILVYN® LTPW-M refer to page 839

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



■ Benefits

- High tensile strength
- Vibration protection
- High sealing performance

■ Application range

SILVYN® LTPG-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LTP
- Applications with high mechanical stress
- Used in areas where liquids are present

SILVYN® LTPS-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LTP
- Applications with high mechanical stress
- Used in areas where liquids are present

SILVYN® LTPW-M

- In combination with protective conduit
- Protective cable conduit system SILVYN® LTP
- Applications with high mechanical stress
- Used in areas where liquids are present
- For applications with limited space

■ Approvals



■ Design

SILVYN® LTPG-M

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

SILVYN® LTPS-M

- Metric connection thread
- Hexagonal collar with torsion element
- Threaded sleeve
- Cap nut

SILVYN® LTPW-M

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

■ Suitable conduits

- SILVYN® LTP Page 838

■ Technical data



Material
Nickel-plated brass
Polyamide



Protection rating
IP 66 / 67 / 68 / 69K

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® processing tools

Cutting tools for protective cable conduit systems

SILVYN® CC01



■ Benefits

- Proper and safe cutting of plastic conduits

■ Application range

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

■ Suitable conduits

- SILVYN® BRAID/SI/SP/SP-PU/ Page 758
- SILVYN® EL/ELÖ/ELT Page 769
- SILVYN® FPAS Page 797

- SILVYN® HCC Page 794
- SILVYN® RILL PA 6 Page 782
- SILVYN® RILL PA6 SINUS Page 811
- SILVYN® SPLIT Page 808
- SILVYN® HIPROJACKET Page 825
- SILVYN® RILL PA 12 Page 783

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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® ANAC-WZ



■ Application range

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

■ Suitable conduits

- SILVYN® HTDL Page 826
- 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

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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® BMC-M



■ Benefits

- Easy to assemble
- Tear-proof connection
- Optional extension of all conduits

■ Application range

- In combination with protective conduit
- All metric conduit glands

■ Approvals



■ Technical data

Upon request

M75
PG sizes



Material
Nickel-plated brass



Temperature range
Dependent on the glands used

Article number	Article designation	Connection thread M	Outer Ø (mm)	Overall length, C (mm)	SW (mm)	Pieces / PU
SILVYN® BMC-M						
55510000	16	M16 x 1.5	22.0	22.5	20.0	10
55510010	20	M20 x 1.5	26.4	25.0	24.0	10
55510020	25	M25 x 1.5	31.9	30.0	29.0	10
55510030	32	M32 x 1.5	38.5	32.5	35.0	10
55510040	40	M40 x 1.5	53.0	34.0	48.0	2
55510050	50	M50 x 1.5	63.8	38.0	58.0	1
55510060	63	M63 x 1.5	77.0	45.0	70.0	1

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com

Benefits

- Space-saving

Application range

- Mechanical engineering
- Plant engineering
- Control cabinet manufacturing
- Used in areas where SILVYN® protective conduits cannot be inserted into a machine or an appliance

Approvals



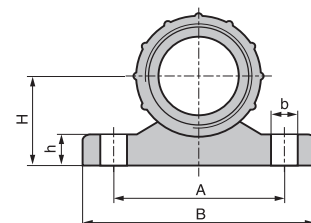
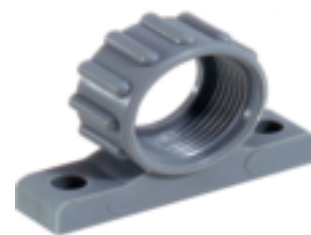
Design

- Plastic fixing bracket
- 2 x bore hole for fixation

Technical data

	Colour delivered Grey, RAL 7001
	Material PP
	Temperature range -40°C to +100°C

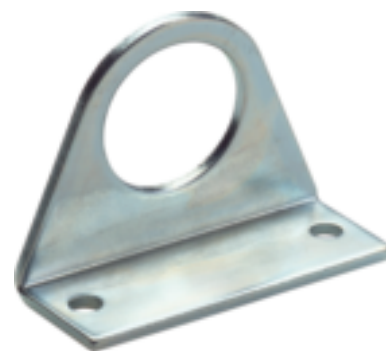
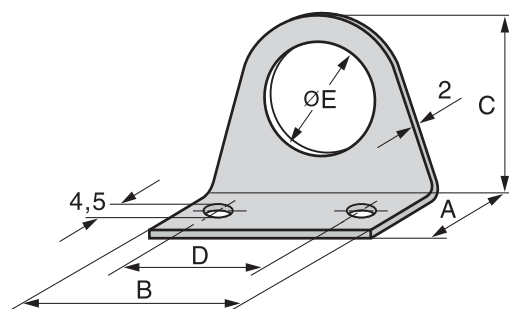
SILVYN® BW-K-M



Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® BW-M



SILVYN® BW-M

Benefits

- Space-saving

Application range

- Mechanical engineering
- Plant engineering
- Control cabinet manufacturing
- Used in areas where SILVYN® protective conduits cannot be inserted into a machine or an appliance

Design

- Steel fixing bracket
- 2 x bore hole for fixation

Technical data

	Material Steel, passivated
--	--------------------------------------

Article 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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® RKS



■ Benefits

- Fast and easy mounting
- Can be used universally

■ Application range

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

■ Approvals



■ Technical data



Material

Steel, galvanised
Polychloroprene



Temperature range

-35 °C to +100 °C

Article number	Article designation	Metal width (mm)	Width x thickness of rubber profile (mm)	Diameter (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

Photographs are not to scale and do not represent detailed images of the respective products.

SILVYN® CHAIN Series Light

RoHS ✓



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

RoHS ✓



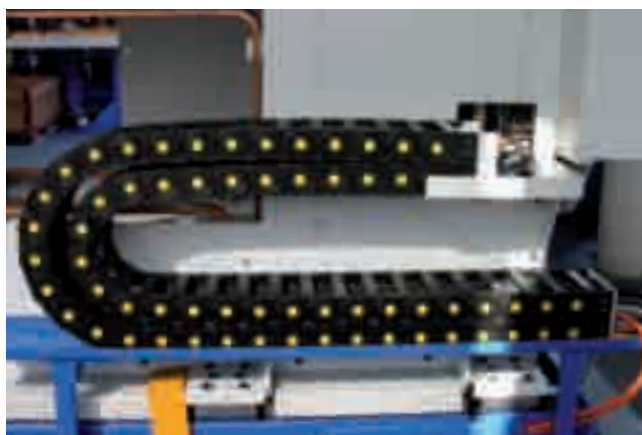
All purpose, due to its single pin, also for higher mechanical requirements. Specially for small and medium-size chains. Available closed or with openable lid.

■ 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

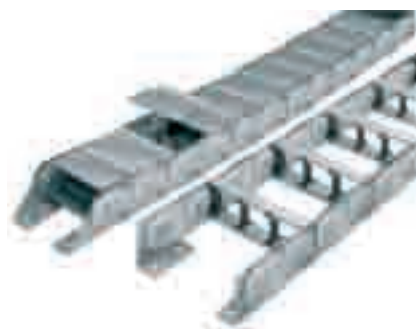
- Rotative applications
- Tongue / groove system patented element construction
- Inner height 35 – 60 mm
- Standard rotation angle up to 200° Guided rotation angle up to 400°
- 6 types

■ Application areas

- Welding robots
- Painting robots
- Handling robots



SILVYN® CHAIN Series Steel



RoHS ✓



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.

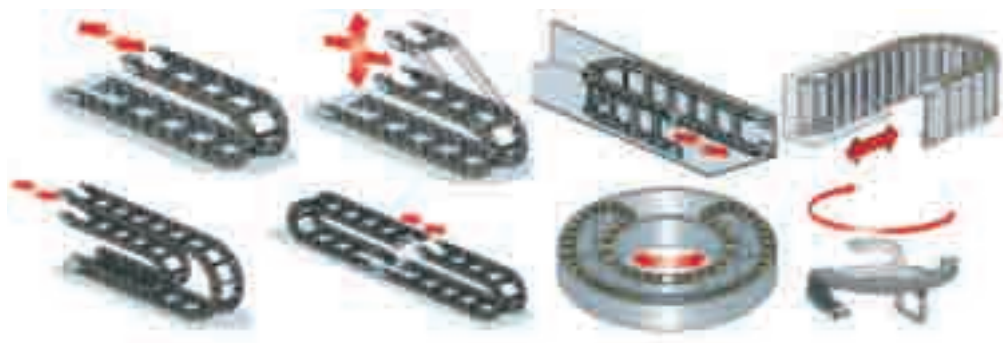
■ Characteristics

- 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



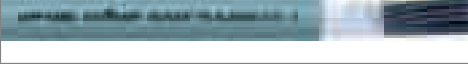
Vertical

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® CHAIN/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.



New

SILVYN® CHAIN KITS – Quick, easy, modular and safe

SILVYN® CHAIN the cable guidance system of the Lapp GROUP, known for reliable and long lasting cable guidance, is now introduced with a brand new selection opportunity. The so called SILVYN® CHAIN KITS, create an individual part assortment, which enables a fast, comfortable and

safe selection of the power chain, the suitable end brackets and further accessories. Due to the absolute clear determination of the system components, valuable time will be saved by terminating the correct chain components of SILVYN® CHAIN KITS.

Find our complete SILVYN® CHAIN KITS program at www.lappgroup.com

SILVYN® CHAIN KITS