



7

SILVYN®

Protective cable conduit systems and cable carrier systems

The universal range of SILVYN® protection and guidance systems protect cables effectively against dust, moisture, mechanical, thermal and chemical influences. The versatile SILVYN® CHAIN range of energy supply chains also protects and guides cables in dynamic applications.

Application range

- Industrial machinery and plant engineering
- Automotive industry
- Machine tool manufacture
- Renewable energies
- Wherever cables require additional protection or guidance

Plastic protective cable conduit systems**Braided sleeve**

SILVYN® BRAID PA6 / SILVYN® SNAP PET /	
SILVYN® SHRINK BRAID PET	815

Simple applications

SILVYN® SI	816
SILVYN® SSV-M / SILVYN® SSVZ-M	817
SILVYN® SCH	818

Flexible with PVC spiral

SILVYN® EL	819
SILVYN® ELU	820
SILVYN® ELÖ	821
SILVYN® ELT	822
SILVYN® ELR	823
SILVYN® MPC-M / SILVYN® MPC 90° M	824

Highly flexible with spring steel wire

SILVYN® FPS	825
SILVYN® FPS-EDU	826
SILVYN® FD-PU	827
SILVYN® MSK-M EE	828
SILVYN® MSK-M FPS-EDU	829
SILVYN® US-M EE / SILVYN® US EE	830
SILVYN® US-M FPS-EDU / SILVYN® US FPS-EDU	831

Simple applications

SILVYN® USK-M / SILVYN® USK	832
-----------------------------	-----

Highly flexible with spring steel wire

SILVYN® LKI-M / SILVYN® LKI	833
SILVYN® EE-K	834
SILVYN® US-FPS-EDU-AS	835

Parallel corrugated protective cable conduit systems**Various applications**

SILVYN® RILL PA 6	836
SILVYN® RILL PA 12	837
SILVYN® KCLICK-M	838
SILVYN® KCLICK 90° M	839
SILVYN® KCLICK GPZ-M	840
SILVYN® KCLICK NPT	841
SILVYN® KCLICK-Y / SILVYN® KCLICK-Y (TPE)	842
SILVYN® KCLICK-S / SILVYN® KCLICK-D / SILVYN® KCLICK-V	843
SILVYN® KCLICK-RH	844
SILVYN® K-EM	845

High mechanical resistance

SILVYN® FPAS	846
SILVYN® FPAX-M	847
SILVYN® FPAX 90° M	848
SILVYN® FPAX NPT	849
SILVYN® FPAX T / SILVYN® FPAX Y / SILVYN® FPAX R /	
SILVYN® FPAX P	850
SILVYN® FPAG-M	851
SILVYN® FPAG 90° M	852
SILVYN® FPAX-DUO M / SILVYN® FPAG-DUO M	853
SILVYN® KSE-M	854
SILVYN® FLEXILOK M / SILVYN® FLEXILOK 90° M	855
SILVYN® FCL	856
SILVYN® FPAC	857
SILVYN® EC	858

Large dimensions

SILVYN® MAXI PA	859
SILVYN® AFG-PA / SILVYN® gasket AFG-PA / AFW-PA /	
SILVYN® AFW-PA	860

Reclosable

SILVYN® SPLIT	861
SILVYN® SPLIT COV-M / SILVYN® SPLIT GMP-M /	
SILVYN® SPLIT COS	862

Sinus-shaped slit

SILVYN® SINUS PA6	863
-------------------	-----

Metal protective cable conduit systems**Galvanized steel versions**

SILVYN® AS	864
SILVYN® AS-P	865
SILVYN® EDU-AS	866
SILVYN® EMC AS-CU	867
SILVYN® MSK-M US	868
SILVYN® MSK-M BRUSH	869
SILVYN® MSK-M ATEX	870
SILVYN® MSK-M ATEX BRUSH	871
SILVYN® MSK-U-M	872
SILVYN® US-M	873
SILVYN® US-AS / SILVYN® US-EDU-AS / SILVYN® US-MS-DR	874

Galvanized steel / Stainless steel with interlocked profile

SILVYN® SSU / SILVYN® SSUE	875
SILVYN® LGEF-M	876
SILVYN® LGES-M	877
SILVYN® LGEP	878

Stainless steel with double-interlocked profile

SILVYN® UI 511	879
SILVYN® UI COMPACT M	880
SILVYN® UI 511 Insert set	881

Liquid-tight conduits (metal + jacket)**Metal conduit with thin-walled jacket**

SILVYN® LCC-2	882
SILVYN® LCCH-2	883
SILVYN® LGF-2-M / SILVYN® LGS-2-M	884
SILVYN® LCG-M / SILVYN® LCW-M / SILVYN® LCS-M	885
SILVYN® LCC-C	886
SILVYN® LCC-E	887

Metal conduit with thick-walled jacket

SILVYN® HTDL	888
SILVYN® EF / SILVYN® OR	889
SILVYN® HCX / SILVYN® HFX	890
SILVYN® COMPACT M	891
SILVYN® COMPACT NPT	892
SILVYN® LTP	893
SILVYN® LTPG-M / SILVYN® LTPS-M / SILVYN® LTP 45° M /	
SILVYN® LTP 90° M	894
SILVYN® LTP-C	895
SILVYN® LTP-E	895
SILVYN® SEALING WASHER	896

Protective cable conduit systems for special applications**Heat protection**

SILVYN® HIPROJACKET / SILVYN® HIPROSILTAPE	897
SILVYN® HIPROJACKET Insert set	898

Food & Beverage

SILVYN® FG	899
SILVYN® FG NM	900
SILVYN® HYGIENIC	901

E-KIT

SILVYN® E-KIT	902
---------------	-----

Special applications

SILVYN® CNP / SILVYN® CNP NPT	903
-------------------------------	-----

SILVYN® accessories**Cutting tools for protective cable conduit systems**

SILVYN® Conduit scissor	904
SILVYN® vice	904
SILVYN® coupler	905
SILVYN® BW-K-M	905
SILVYN® BW-M	905

Mounting bracket

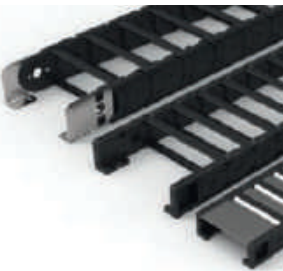
SILVYN® RKS	906
-------------	-----

Characteristics																		
	Page	Inner diameter from – to mm	Temperature range	Material	Flexibility	Compression strength	Tensile strength	Flexural behaviour	Oil resistance	Solvent resistance	Protection against hot chips	Reversed bending fatigue behaviour	Flame retardant	Halogen-free	UV resistance		Approvals	
Protective conduits plastic																		
SILVYN® BRAID PA 6	815	4.0 – 32.0	-55 °C to +125 °C	Polyamide 6.6	☺	○	☺	☺	●	☺	○	☺	☺	●	●	●	-	
SILVYN® SNAP PET	815	25.0	-55 °C to +150 °C	Polyester – PET	☺	○	☺	☺	☺	○	☺	☺	○	○	○	-		
SILVYN® SHRINK BRAID PET	815	6.0 – 35.0	-55 °C to +125 °C	Polyester – PET	☺	○	☺	☺	☺	○	☺	☺	○	○	○	-		
SILVYN® SI	816	7.0 – 32.0	-5 °C to +80 °C	Soft PVC	☺	○	☺	☺	☺	○	☺	☺	○	○	○	-		
SILVYN® EL	819	10.0 – 50.0	-20 °C to +70 °C	Soft PVC with Hard PVC Spiral	☺	☺	☺	☺	☺	○	☺	☺	○	○	○	cURus		
SILVYN® ELU	820	10.0 – 50.0	-20 °C to +70 °C	Soft PVC with Hard PVC Spiral	☺	☺	☺	☺	☺	○	☺	☺	○	○	●	cURus		
SILVYN® ELÖ	821	10.0 – 50.0	-20 °C to +70 °C	Soft PVC with Hard PVC Spiral	☺	☺	☺	☺	●	○	☺	☺	○	○	○	cURus		
SILVYN® ELT	822	10.0 – 50.0	-20 °C to +90 °C	Soft PVC with Hard PVC Spiral	☺	☺	☺	☺	☺	○	☺	☺	○	○	○	cURus		
SILVYN® ELR	823	10.0 – 50.0	-20 °C to +70 °C	Soft PVC with Hard PVC Spiral	☺	☺	☺	☺	☺	○	☺	☺	○	○	○	-		
SILVYN® FPS	825	7.0 – 48.0	-20 °C to +80 °C	Soft PVC with insul. Spring Steel Wire	●	☺	☺	●	☺	☺	○	●	☺	○	○	VDE, cURus		
SILVYN® FPS-EDU	826	9.0 – 48.0	-25 °C to +80 °C	PVC-insulated steel spring wire Soft PVC outer sheath Galvanised steel wire braiding	●	☺	☺	●	☺	☺	☺	●	☺	○	○	-		
SILVYN® FD-PU	827	7.0 – 48.0	-40 °C to +80 °C	PUR with insul. Spring Steel Wire	●	☺	☺	●	●	☺	○	●	☺	○	●	VDE		
Protective corrugated conduits																		
SILVYN® RILL PA 6	836	6.5 – 48.0	-40 °C to +115 °C	Polyamide 6	☺	☺	☺	☺	●	☺	○	☺	☺	●	●	●	cURus, VDE, GGVS, DNV-GL, Lloyds	
SILVYN® RILL PA12	837	6.5 – 48.0	-50 °C to +100 °C	Polyamide 12	●	☺	☺	☺	●	☺	○	☺	☺	●	●	●	cURus, VDE, DNV-GL, Lloyds	
SILVYN® FPAS	846	6.3 – 56.3	-40 °C to +120 °C	Polyamide 6	☺	☺	☺	☺	●	☺	○	☺	☺	●	●	●	cURus, Lloyds, Link up	
SILVYN® SPLIT PA 6	861	6.3 – 87.5	-40 °C to +120 °C	Polyamide 6	☺	☺	☺	☺	●	☺	○	☺	☺	●	●	-		
SILVYN® SPLIT PP	862	6.3 – 87.5	-40 °C to +135 °C	Polypropylene	☺	☺	☺	☺	☺	○	☺	☺	○	○	○	-		
SILVYN® SINUS PA 6	863	6.7 – 23.2	-40 °C to +140 °C	Polyamide 6	☺	○	☺	☺	●	☺	○	☺	☺	●	●	-		
SILVYN® MAXI PA 6	859	66.5 – 91.0	-40 °C to +115 °C	Polyamide 6	☺	☺	☺	☺	●	☺	○	☺	☺	●	●	cURus		
Protective conduits metal																		
SILVYN® AS	864	8.0 – 51.0	to +220 °C	Galvanized Steel Strip	☺	☺	☺	●	●	●	☺	☺	●	●	●	VDE		
SILVYN® AS-P	865	7.0 – 49.0	-25 °C to +80 °C	Galvanized Steel, Coating PVC	☺	☺	☺	☺	☺	○	☺	☺	○	○	○	VDE		
SILVYN® EDU-AS	866	7.0 – 49.0	to +220 °C	Galvanized Steel, Braiding: galvanized steel wire	☺	☺	☺	●	●	●	☺	☺	●	●	●	VDE		
SILVYN® EMC AS-CU	867	7.0 – 49.0	to +220 °C	Galvanized Steel, Braiding: tinned copper	☺	☺	☺	●	●	●	☺	☺	●	●	●	VDE		
SILVYN® SSU	875	6.8 – 70.0	-100 °C to +300 °C	Galvanized Steel Strip	☺	☺	☺	●	●	●	☺	☺	●	●	●	-		
SILVYN® SSUE	875	6.8 – 48.0	-100 °C to +400 °C	Stainless Steel AISI 316	●	●	☺	●	●	●	☺	☺	●	●	●	Link up		
SILVYN® UI 511	879	9.5 – 52.0	-100 °C to +600 °C	Stainless Steel AISI 304	●	●	●	●	●	●	☺	☺	●	●	●	-		
Protective conduits liquidtight (Metal conduit + jacket)																		
SILVYN® LCC-2	882	6.8 – 70.0	-15 °C to +70 °C	Galvanized Steel, Coating PVC	☺	☺	☺	●	☺	○	☺	☺	○	○	☺	-		
SILVYN® LCCH-2	883	10.2 – 70.0	-25 °C to +90 °C	Galvanized Steel, Coating plastic halogen-free	☺	☺	☺	●	☺	○	☺	☺	●	●	☺	Lloyds, Link up		
SILVYN® HTDL	888	12.6 – 51.6	-40 °C to +105 °C	Galvanized Steel, Copper wire, Coating PVC Mix	☺	●	☺	☺	☺	○	☺	☺	○	○	●	cULus		
SILVYN® EF	889	10.1 – 51.6	-25 °C to +70 °C	Galvanized Steel, Coating PVC Mix	☺	●	☺	☺	☺	○	☺	☺	○	○	○	-		
SILVYN® OR	889	12.6 – 51.6	-20 °C to +100 °C	Galvanized Steel, Coating PVC Mix	☺	●	☺	☺	☺	○	☺	☺	○	○	●	-		
SILVYN® HCX	890	12.6 – 51.6	-55 °C to +145 °C	Galvanized Steel, Coating Elastomer plastic	☺	●	☺	☺	☺	○	☺	☺	○	○	●	-		
SILVYN® HFX	890	10.1 – 51.6	-55 °C to +105 °C	Galvanized Steel, Coating PUR	☺	●	☺	☺	☺	○	☺	☺	○	●	●	-		
SILVYN® LTP	893	7.0 – 51.6	-20 °C to +105 °C	Galvanized Steel, Coating Soft PVC	☺	●	●	☺	☺	○	☺	☺	○	○	●	Lloyds		
Protective conduits for special applications																		
SILVYN® HIPROJACKET	897	6.0 – 102.0	-55 °C to +1640 °C	Fibre glass with iron oxide silicone coat	●	○	☺	●	☺	☺	●	●	●	●	☺	EN 45545		
SILVYN® FG	899	12.6 – 51.6	-20 °C to +80 °C	Galvanized Steel, PVC-mix special sheath	☺	●	☺	☺	☺	○	☺	☺	○	○	○	FDA, NSF		
SILVYN® FG NM	900	12.6 – 51.6	-20 °C to +60 °C	Hard PVC inner spiral PVC-mix special sheath	☺	☺	☺	☺	☺	○	☺	☺	○	○	○	FDA, NSF		
SILVYN® CNP	903	12.6 – 40.7	-20 °C to +60 °C	PVC Mix with Nylon Braid	○	○	☺	☺	☺	○	☺	☺	○	○	☺	cULus		

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

SILVYN® CHAIN overview cable chain application

As a system provider, we offer one-stop complete systems such as cable guiding systems and suitable wires. You will find more detailed information in the ÖLFLEX® CONNECT CHAIN catalogue on our web page under: www.lappgroup.com/catalogues

		Characteristics	Application areas
Nylon cable chains for multiple applications		• 30 versions • Inner height from 12 - 75.5mm • Inner width from 12 - 400mm • Bending radius from 18 - 600mm • Self-supporting capacity up to 6.5m	• Medium sliding applications • Automation with high travel frequency • Handling equipment • CNC machines • Smaller robot gantries
Nylon cable chains for heavy duty applications		• 13 versions • Inner height from 53.5 - 112mm • Inner width from 64 - 600mm • Bending radius from 150 - 750mm • Self-supporting capacity up to 9m	• Dirty environment • Machine tool centers • Outdoor equipment • Movement with high lateral acceleration
Nylon cable chains for sliding applications		• 12 versions • Inner height from 37 - 80.5mm • Inner width from 61 - 539mm • Bending radius from 107 - 700mm	• Sliding with high speed and high charge weight • Long life-cycle applications (very long lifetime)
Steel cable chains for multiple applications		• 10 versions • Inner height from 32 - 182mm • Inner width from 79 - 600mm • Bending radius from 75 - 1500mm • Self-supporting capacity up to 13m	• Steel mills/steel works • Off-Shore • Long-travel machining centers • Heavy duty environment
Steel cable chains for sliding applications		• 9 versions • Inner height from 32 - 138mm • Inner width from 79 - 506mm • Bending radius from 115 - 850mm	• Steel mills/steel works • Off-Shore • Long-travel machining centers • Heavy duty environment • Sliding with high charge weight
Cable chains for robot applications		• 6 versions • Inner height from 30 - 59mm • Inner width from 45 - 210mm • Bending radius from 100 - 220mm	• Welding robots • Painting robots • Handling robots

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



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

Info

- Simple, fast cable bundling



SILVYN® BRAID PA6



SILVYN® SNAP PET



SILVYN® SHRINK BRAID PET

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001182

ETIM 5.0/6.0 Class-Description:
Braided hose



On request

Bulk containers on rolls
More sizes available



Note

SILVYN® BRAID PA6

Halogen and cadmium-free

Fire behaviour according to UL94 V-2

SILVYN® SNAP PET

Halogen and cadmium-free

Fire behaviour according to UL94 V-2

SILVYN® SHRINK BRAID PET

No dielectric strength

Self extinguishing acc. to UL94 HB



Colour delivered

SILVYN® BRAID PA6

Black (RAL 9005), UV-resistant

SILVYN® SNAP PET

Black, grey, orange, yellow, white

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

Polyester - PET with shrinkable

Polyolefin fibres



Temperature range

SILVYN® BRAID PA6

-55 °C to +125 °C

SILVYN® SNAP PET

-55 °C to +150 °C

SILVYN® SHRINK BRAID PET

-40 °C to +150 °C

Processing: min. +180 °C

Benefits

SILVYN® BRAID PA6

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

SILVYN® SNAP PET

- Cables can be guided in or out of the SILVYN® SNAP at any point.

- Self-wrapping
- Simple, fast cable bundling
- Tidies away cables
- Protection against dust

SILVYN® SHRINK BRAID PET

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

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
- Low rodent-protection

Product features

SILVYN® BRAID PA6

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

SILVYN® SNAP PET

- Abrasion-resistant
- Flexible
- 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 %

Product Make-up

SILVYN® BRAID PA6

- Polyamide 6.6 - halogen-free

SILVYN® SNAP PET

- Polyester - PET braid sidewise rolled up

SILVYN® SHRINK BRAID PET

- Polyester - PET with shrinkable Polyolefin fibres

Article number	Nominal size	Clamping range in mm	Shrinkage range mm	Colour	PU (m)
SILVYN® BRAID PA6					
61721260	6	4.0 - 10.0		black	20
61721261	12	10.0 - 14.0		black	15
61721262	16	14.0 - 24.0		black	15
61721263	20	18.0 - 26.0		black	10
61721264	30	26.0 - 34.0		black	10
61721265	40	32.0 - 42.0		black	5
SILVYN® BRAID PA6 - reel length					
61721266	6	4.0 - 10.0		black	750
61721267	12	10.0 - 14.0		black	500
61721268	16	14.0 - 24.0		black	400
61721269	20	18.0 - 26.0		black	250
61721258	30	26.0 - 34.0		black	250
61721259	40	32.0 - 42.0		black	250
SILVYN® SNAP PET					
61721280	19	19.0 - 25.0		grey	2.5
61721281	19	19.0 - 25.0		orange	2.5
61721282	19	19.0 - 25.0		black	2.5
61721283	19	19.0 - 25.0		white	2.5
61721284	19	19.0 - 25.0		yellow	2.5
SILVYN® SHRINK BRAID PET					
61721270	12/06		12.0 - 6.0	black	5
61721271	25/12		25.0 - 12.0	black	5
61721272	30/15		30.0 - 15.0	black	5
61721273	50/25		50.0 - 25.0	black	4
61721274	70/35		70.0 - 35.0	black	4

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



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

Product Make-up

- Soft-PVC conduit

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001177
ETIM 5.0/6.0 Class-Description:
Protective plastic hose



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	ID x OD 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	12/1 / -		10 - 16 S	50
61713240	9.0 x 12.0	12/2 / -		10 - 16 S	50
61713270	11.0 x 14.0	16/1 / -		10 - 16 S	50
61713300	13.0 x 16.0	16/2 / -		12 - 20 S	50
61713330	14.0 x 18.0	20/1		12 - 20 S	50
61713360	18.0 x 22.0	20/3	13,5/1	16 - 25 S	50
61713390	23.0 x 28.0	25	21	20 - 32 S	50
61713420	32.0 x 38.0	32 / 32/2	29/2	32 - 50 S	50

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

Accessories

- SILVYN® SSV-M refer to page 817
- SILVYN® SSVZ-M refer to page 817
- SILVYN® SSV
- SILVYN® SSVZ
- SILVYN® SCH refer to page 818





SILVYN® SSV-M / SILVYN® SSVZ-M



SILVYN® SSV-M

SILVYN® SSVZ-M

Benefits

SILVYN® SSV-M

- Conduit gland with high tensile strength for plastic conduits

SILVYN® SSVZ-M

- 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

SILVYN® SSV-M

- High-tensile
- Robust
- Compact design

SILVYN® SSVZ-M

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

Product Make-up

SILVYN® SSV-M

- Metric connection thread
- Conduit entry with special grip profile

SILVYN® SSVZ-M

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

Note

- Necessary conduit clamp SILVYN® SCH
- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® SI Page 816
- SILVYN® SP
- SILVYN® SP-PU

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

SILVYN® SSV-M

Body: nickel-plated brass

O-ring: NBR

SILVYN® SSVZ-M

Body: nickel-plated brass

Incised sealing ring: CR

O-ring: NBR



Temperature range

-20°C to +80°C

Article number	Metric size	Clamping range in mm	SW wrench size mm	SW 1/2 mm	Overall length mm	Thread length mm	Clear opening (mm)	Suitable for SILVYN® SCH	Suitable for SILVYN® SI	Pieces / PU
SILVYN® SSV-M										
52002827	12 x 1.5/1		16		25	8	7	10 - 16 S	7 x 9	50
52002828	12 x 1.5/2		19		25	8	9	10 - 16 S	9 x 12	50
52002840	16 x 1.5/1		19		25	8	8	10 - 16 S	11 x 14	50
52002839	16 x 1.5/2		19		25	8	10	12 - 20 S	13 x 16	50
52002841	20 x 1.5/1		22		25	8	12	16 - 25 S	14 x 18	50
52002842	20 x 1.5/3		25		25	8	15.5	20 - 32 S	18 x 22	50
52002843	25x1.5		32		29.5	8.5	19	20 - 32 S	23 x 28	25
52002844	32 x 1.5		40		32.5	9.5	27	25 - 40 S	32 x 38	25
52002845	40x1.5		50		36	11	34	35 - 50 S		10
52002846	50 x 1.5		57		39	12	41	40 - 60 S		5
52002847	63 x 1.5		67		43	12	46	40 - 60 S		5
SILVYN® SSVZ-M										
55501850	16 x 1.5/1	5.0 - 8.0		19 / 18	39	5	8	10 - 16 S		50
55501860	16 x 1.5/2	5.0 - 8.0		19 / 18	39	5	10	12 - 20 S		50
55501870	20 x 1.5/1	7.0 - 12.5		22 / 22	39.6	6	12	16 - 25 S	14 x 18	50
55501880	20 x 1.5/2	7.0 - 12.5		22 / 22	39.6	6	12.5	16 - 25 S		50
55501890	20 x 1.5/3	7.0 - 16.0		25 / 22	43	6	15.5	20 - 32 S	18 x 22	50
55501900	20 x 1.5/4	8.0 - 16.0		30 / 24	44	6	16	20 - 32 S		25
55501910	25 x 1.5	11.0 - 20.0		32 / 30	48	7	20	20 - 32 S	23 x 28	25
55501920	32 x 1.5/1	18.0 - 31.0		40 / 40	53.6	8	27	25 - 40 S		25
55501930	32 x 1.5/2	18.0 - 31.0		42 / 40	53.6	8	30	35 - 50 S	32 x 38	25
55501940	40 x 1.5	24.0 - 35.0		52 / 50	61.6	8	34	35 - 50 S		10
55501950	50 x 1.5	30.0 - 42.5		57 / 57	68.6	9	41	40 - 60 S		5

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



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 clamping range

Product Make-up

- Galvanized steel ring
- Worm gear drive

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000127
ETIM 5.0/6.0 Class-Description:
Saddle



Material

Steel, galvanized

Article number	Article designation	Clamping range in mm	Suitable for SILVYN® SI	Suitable for SILVYN® SP/SP-PU	Pieces / PU
SILVYN® SCH					
52003130	10 - 16 S	10.0 - 16.0	7 x 9 / 9 x 12 / 11 x 14	10 x 14	100
52003140	12 - 20 S	12.0 - 20.0	13 x 16 / 14 x 18	12 x 16	100
52003160	16 - 25 S	16.0 - 25.0	18 x 22	16 x 20	100
52003170	20 - 32 S	20.0 - 32.0	23 x 28	22 x 27	100
52009050	25 - 40 S	25.0 - 40.0	23 x 28 / 32 x 38	30 x 36	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 and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SILVYN® SSV-M refer to page 817
- SILVYN® SSVZ-M refer to page 817
- SILVYN® SSV
- SILVYN® SSVZ





Benefits

- Easy assembly of cables and wires due to smooth inner
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Integrated hard PVC spiral
- Soft PVC outer sheath

Note

- Smooth version is not UL recognized

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001177 ETIM 5.0/6.0 Class-Description: Protective plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Silver grey (RAL 7001)
	Material Special soft PVC sheath with hard PVC spiral
	Temperature range -20°C to +70°C -5°C to +70°C (smooth version)

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU (m)
SILVYN® EL							
61747360	12	10.0 x 14.5	25	16/1	9	9	30
61747370	16	12.0 x 16.5	25	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61747380	20	16.0 x 21.0	35	20/2	13,5/2, 16	13,5/2, 16	30
61747390	25	22.0 x 27.5	45	25 x 1,5	21	21	30
61747400	30	25.0 x 30.5	55	32/1	29/1	29/1	30
61747410	32	28.0 x 33.5	60	32/2	29/2	29/2	30
61747420	40	35.0 x 41.0	80	40 x 1,5	36	36	30
61747430	50	40.0 x 46.4	105	50 x 1,5	42		30
61747440	63	50.0 x 57.0	120	63 x 1,5	48		30
SILVYN® EL smooth							
61747361	12	10.0 x 14.2	50				30
61747371	16	12.0 x 17.8	50	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61747381	20	16.0 x 21.1	70	20/2	13,5/2, 16	13,5/2, 16	30
61747391	25	21.0 x 26.4	90	25x1,5	21	21	30
61747411	32	26.5 x 33.1	140	32/2	29/2	29/2	30
61747421	40	35.4 x 41.8	190	40 x 1,5	36	36	30
61747431	50	40.0 x 47.9	240	50 x 1,5	42		30
61747441	63	51.3 x 59.7	270	63 x 1,5	48		30

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

Similar products

- SILVYN® ELÖ
- SILVYN® ELT refer to page 822
- SILVYN® ELR refer to page 823

Accessories

- SILVYN® MPC-M refer to page 824
- SILVYN® MPC 45° M
- SILVYN® MPC 90° M refer to page 824
- SILVYN® MPC
- SILVYN® MPC 90°





SILVYN® ELU



Benefits

- Easy assembly of cables and wires due to smooth inner
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Integrated hard PVC spiral
- Modified soft PVC sheath

Note

- Smooth version is not UL recognized

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001177

ETIM 5.0/6.0 Class-Description:
Protective plastic hose



Certifications

IEC EN 61386-23



Colour delivered

Black (RAL 9005), UV-resistant



Material

Special soft PVC sheath with hard PVC spiral



Temperature range

-20°C to +70°C

-5°C to +70°C (smooth version)

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MPC-M/MPC 90°M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU (m)
SILVYN® ELU							
61751790	12	10.0 x 14.5	25	16/1	9	9	30
61751791	16	12.0 x 16.5	25	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751792	20	16.0 x 21.0	35	20/2	13,5/2, 16	13,5/2, 16	30
61751793	25	22.0 x 27.5	45	25x1,5	21	21	30
61751794	30	25.0 x 30.5	55	32/1	29/1	29/1	30
61751795	32	28.0 x 33.5	60	32/2	29/2	29/2	30
61751796	40	35.0 x 41.0	80	40 x 1,5	36	36	30
61751797	50	40.0 x 46.4	105	50 x 1,5	42		30
61751798	63	50.0 x 57.0	120	63 x 1,5	48		30
SILVYN® ELU smooth							
61751590	12	10.0 x 14.2	50				30
61751591	16	12.0 x 17.8	50	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751592	20	16.0 x 21.1	70	20/2	13,5/2, 16	13,5/2, 16	30
61751593	25	21.0 x 26.4	90	25x1,5	21	21	30
61751595	32	26.5 x 33.1	140	32/2	29/2	29/2	30
61751596	40	35.4 x 41.8	190	40 x 1,5	36	36	30
61751597	50	40.0 x 47.9	240	50 x 1,5	42		30
61751598	63	51.3 x 59.7	270	63 x 1,5	48		30

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

Accessories

- SILVYN® MPC-M refer to page 824
- SILVYN® MPC 45° M
- SILVYN® MPC 90° M refer to page 824
- SILVYN® MPC
- SILVYN® MPC 90°





Benefits

- Resistant to grease, cooling agents and oils, especially ASTM2 testing oil
- Easy assembly of cables and wires due to smooth inner
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Integrated hard PVC spiral
- Modified soft PVC sheath

Note

- Smooth version is not UL recognized

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001177 ETIM 5.0/6.0 Class-Description: Protective plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Green (RAL 6001)
	Material Special soft PVC sheath with hard PVC spiral
	Temperature range -20°C to +70°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU (m)
SILVYN® ELÖ							
61751610	12	10.0 x 14.5	25	16/1	9	9	30
61751620	16	12.0 x 16.5	25	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751630	20	16.0 x 21.0	35	20/2	13,5/2, 16	13,5/2, 16	30
61751640	25	22.0 x 27.5	45	25 x 1,5	21	21	30
61751650	30	25.0 x 30.5	55	32/1	21	21	30
61751660	32	28.0 x 33.5	60	32/2	29/2	29/2	30
61751670	40	35.0 x 41.0	80	40 x 1,5	36	36	30
61751680	50	40.0 x 46.4	105	50 x 1,5	42		30
61751690	63	50.0 x 57.0	120	63 x 1,5	48		30
SILVYN® ELO smooth							
61751611	12	10.0 x 14.2	50				30
61751621	16	12.0 x 17.8	50	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751631	20	16.0 x 21.1	70	20/2	13,5/2, 16	13,5/2, 16	30
61751641	25	21.0 x 26.4	90	25x1,5	21	21	30
61751661	32	26.5 x 33.1	140	32/2	29/2	29/2	30
61751671	40	35.4 x 41.8	190	40 x 1,5	36	36	30
61751681	50	40.0 x 47.9	240	50 x 1,5	42		30
61751691	63	51.3 x 59.7	270	63 x 1,5	48		30

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

Ähnliche Produkte

- SILVYN® EL refer to page 819
- SILVYN® ELU refer to page 820
- SILVYN® ELT refer to page 822
- SILVYN® ELR refer to page 823

Accessories

- SILVYN® MPC-M refer to page 824
- SILVYN® MPC 45° M
- SILVYN® MPC 90° M refer to page 824
- SILVYN® MPC
- SILVYN® MPC 90°





SILVYN® ELT



Benefits

- High temperature resistance
- Easy assembly of cables and wires due to smooth inner
- 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

- High temperature resistance
- Smooth inner wall
- Flexible
- Dimensionally stable

Norm references / Approvals

- UL FILENUMBER E308201
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry

Product Make-up

- Integrated hard PVC spiral
- Modified soft PVC sheath

Note

- Smooth version is not UL recognized

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001177 ETIM 5.0/6.0 Class-Description: Protective plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Blue (RAL 5012)
	Material Special soft PVC sheath with hard PVC spiral
	Temperature range -20°C to +90°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU (m)
SILVYN® ELT							
61751700	12	10.0 x 14.5	25	16/1	9	9	30
61751710	16	12.0 x 16.5	25	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751720	20	16.0 x 21.0	35	20/2	13,5/2, 16	13,5/2, 16	30
61751730	25	22.0 x 27.5	45	25 x 1,5	21	21	30
61751740	30	25.0 x 30.5	55	32/1	29/1	29/1	30
61751750	32	28.0 x 33.5	60	32/2	29/2	29/2	30
61751760	40	35.0 x 41.0	80	40 x 1,5	36	36	30
61751770	50	40.0 x 46.4	105	50 x 1,5	42		30
61751780	63	50.0 x 57.0	120	63 x 1,5	48		30
SILVYN® ELT smooth							
61751701	12	10.0 x 14.2	50				30
61751711	16	12.0 x 17.8	50	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751721	20	16.0 x 21.1	70	20/2	13,5/2, 16	13,5/2, 16	30
61751731	25	21.0 x 26.4	90	25x1,5	21	21	30
61751751	32	26.5 x 33.1	140	32/2	29/2	29/2	30
61751761	40	35.4 x 41.8	190	40 x 1,5	36	36	30
61751771	50	40.0 x 47.9	240	50 x 1,5	42		30
61751781	63	51.3 x 59.7	270	63 x 1,5	48		30

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

Similar products

- SILVYN® EL refer to page 819
- SILVYN® ELÖ
- SILVYN® ELR siehe Seite 823

Accessories

- SILVYN® MPC-M refer to page 824
- SILVYN® MPC 45° M
- SILVYN® MPC 90° M refer to page 824
- SILVYN® MPC
- SILVYN® MPC 90°



SILVYN® ELR



Benefits

- Easy assembly of cables and wires due to smooth inner
- 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

Product features

- Flexible
- Smooth inner wall
- Dimensionally stable

Product Make-up

- Integrated hard PVC spiral
- Modified soft PVC sheath

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001177 ETIM 5.0/6.0 Class-Description: Protective plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Orange (RAL 2008)
	Material Special soft PVC sheath with hard PVC spiral
	Temperature range -20°C to +70°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MPC-M/MPC 90° M	Suitable for SILVYN® MPC	Suitable for SILVYN® MPC 90°	PU (m)
SILVYN® ELR smooth							
61751600	12	10.0 x 14.2	50				30
61751601	16	12.0 x 17.8	50	16/2, 20/1	11, 13,5/1	11, 13,5/1	30
61751602	20	16.0 x 21.1	70	20/2	13,5/2, 16	13,5/2, 16	30
61751603	25	21.0 x 26.4	90	25x1,5	21	21	30
61751604	32	26.5 x 33.1	140	32/2	29/2	29/2	30
61751605	40	35.4 x 41.8	190	40 x 1,5	36	36	30
61751606	50	40.0 x 47.9	240	50 x 1,5	42		30
61751607	63	51.3 x 59.7	270	63 x 1,5	48		30

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

Accessories

- SILVYN® MPC-M refer to page 824
- SILVYN® MPC 45° M
- SILVYN® MPC 90° M refer to page 824
- SILVYN® MPC
- SILVYN® MPC 90°





SILVYN® MPC-M / SILVYN® MPC 90° M



SILVYN® MPC-M

Benefits

SILVYN® MPC-M

- All-purpose
- Fast and easy assembly

SILVYN® MPC 90° M

- All-purpose
- Fast and easy assembly
- 90° elbow allows easy installation

Application range

- In combination with protective conduit:
- SILVYN® EL/ELU/ELO/ELT/ELR (helically formed and smooth conduits)

Product features

- Dust protection
- Moisture-protection
- Ensures high tensile strength and mechanical protection

Norm references / Approvals

- UL FILENUMBER E308201

SILVYN® MPC 90° M

Product Make-up

SILVYN® MPC-M

- Metric connection thread
- Hexagonal collar with integrated conduit connection

SILVYN® MPC 90° M

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® EL Page 819
- SILVYN® ELU Page 820
- SILVYN® ELO Page 821
- SILVYN® ELT Page 822
- SILVYN® ELR Page 823

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001178
ETIM 5.0/6.0 Class-Description: Screw connection for protective plastic hose



Certifications

IEC EN 61386-23



Colour delivered

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



Material

PA66
Halogen-free



Protection rating

IP 65 with helically formed conduits
IP 67 + IP 68 (2bar) with smooth conduits



Temperature range

-40°C to +120°C

Article number	Metric size	Clear opening (mm)	Suitable for SILVYN® EL/ELU/ELO/ELT/ELR	Pieces / PU
SILVYN® MPC-M black				
55502460	16 x 1.5/1	9	12	10
55502461	16 x 1.5/2	10.5	16	10
55502462	20 x 1.5/1	10.5	16	10
55502463	20 x 1.5/2	14.5	20	10
55502464	25 x 1.5	19	25	10
55502465	32 x 1.5/1	24.5	30	10
55502469	32 x 1.5/2	24.5	32	10
55502466	40 x 1.5	33	40	2
55502467	50 x 1.5	39	50	2
55502468	63 x 1.5	48	63	1
SILVYN® MPC-M grey				
55502441	16 x 1.5/1	9	12	10
55502442	16 x 1.5/2	10.5	16	10
55502443	20 x 1.5/1	10.5	16	10
55502444	20 x 1.5/2	14.5	20	10
55502445	25 x 1.5	19	25	10
55502446	32 x 1.5/1	24.5	30	10
55502447	32 x 1.5/2	24.5	32	10
55502448	40 x 1.5	33	40	2
55502449	50 x 1.5	39	50	2
55502439	63 x 1.5	48	63	1
SILVYN® MPC 90° M black				
55502480	16 x 1.5	10.5	16	10
55502481	20 x 1.5/1	10.5	16	10
55502482	20 x 1.5/2	14.5	20	10
55502483	25 x 1.5	19	25	10
55502484	32 x 1.5	24.5	32	10
55502485	40 x 1.5	33	40	2
SILVYN® MPC 90° M grey				
55502458	16 x 1.5	10.5	16	10
55502459	20 x 1.5/1	10.5	16	10
55502366	20 x 1.5/2	14.5	20	10
55502367	25 x 1.5	19	25	10
55502368	32 x 1.5	24.5	32	10
55502369	40 x 1.5	33	40	2

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SILVYN® FPS



Benefits

- Dimensionally stable
- Crushable and extendable
- Highly oil and acid-resistant
- Liquidtight
- Corrosion-resistant

Application range

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

Product features

- Cadmium-free
- Silicone-free

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Note

- PU = 50 m (on request)

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001177
ETIM 5.0/6.0 Class-Description:
Protective plastic hose

Certifications
IEC EN 61386-23

Colour delivered
Grey

Material
Soft PVC with insulated spring steel wire

Temperature range
-25°C to +80°C

Article number	Nominal size	ID x OD mm	Bending radius (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	10	7.0 x 10.0	8	10 x 1,0	12 x 1,5	7	25
61711590	14	10.0 x 14.0	10	12 x 1,5	16 x 1,5	9	25
61711630	17	12.7 x 17.0	13	16 x 1,5	20 x 1,5	11	25
61711670	19	14.7 x 19.0	15			13,5	25
61711710	21	16.0 x 21.0	17	20 x 1,5	25 x 1,5	16	25
61711750	27	21.6 x 27.0	20	25 x 1,5	32 x 1,5	21	25
61711790	36	29.0 x 36.0	25	32 x 1,5	40 x 1,5	29	25
61711830	45	38.0 x 45.0	36	40 x 1,5	50 x 1,5	36	25
61711910	56	48.0 x 56.0	40	50 x 1,5	63 x 1,5	48	25
SILVYN® FPS 10M							
61721690	10	7.0 x 10.0	8	10 x 1,0	12 x 1,5	7	10
61721700	14	10.0 x 14.0	10	12 x 1,5	16 x 1,5	9	10
61721710	17	12.7 x 17.0	13	16 x 1,5	20 x 1,5	11	10
61721720	19	14.7 x 19.0	15			13,5	10
61721730	21	16.0 x 21.0	17	20 x 1,5	25 x 1,5	16	10
61721740	27	21.6 x 27.0	20	25 x 1,5	32 x 1,5	21	10
61721750	36	29.0 x 36.0	25	32 x 1,5	40 x 1,5	29	10
61721760	45	38.0 x 45.0	36	40 x 1,5	50 x 1,5	36	10
61721780	56	48.0 x 56.0	40	50 x 1,5	63 x 1,5	48	10

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

Similar products

- SILVYN® FD-PU refer to page 827

Accessories

- SILVYN® MSK-M EE refer to page 828
- SILVYN® US-M EE refer to page 830
- SILVYN® US EE refer to page 830
- SILVYN® LKI-M refer to page 833
- SILVYN® USK-M refer to page 832
- SILVYN® LKI refer to page 833
- SILVYN® EE-K refer to page 834



SILVYN® FPS-EDU



Info

- High flexible and mechanical protection at the same time

Benefits

- Protects against hot chips
- High-tensile
- Highly flexible
- Air-tight and impermeable
- Mechanical resistance

Application range

- Mechanical engineering
- Plant engineering
- Automation technology
- Used in areas where cables and wires could be damaged by welding sparks and hot chips
- Robotics industry

Product Make-up

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

Note

- PU = 10m (on request)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001177

ETIM 5.0/6.0 Class-Description:
Protective plastic hose



Material

insulated spring steel wire with Soft PVC and galvanized steel braid



Temperature range

-25°C to +90°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US	PU ring (m)
SILVYN® FPS-EDU							
61802330	14	9.0 x 14.0	16	16 x 1,5	16 x 1,5	9	50
61802331	17	12.0 x 17.0	19	20 x 1,5	20 x 1,5	11	50
61802332	19	14.0 x 19.0	22			13,5	50
61802333	21	15.0 x 21.0	24	25 x 1,5	20 x 1,5	16	50
61802334	27	20.0 x 27.0	30	32 x 1,5	25 x 1,5	21	50
61802335	36	28.0 x 36.0	40	40 x 1,5	32 x 1,5	29	25
61802336	45	37.0 x 45.0	48	50 x 1,5	40 x 1,5	36	25
61802337	56	48.0 x 56.0	60	63 x 1,5	50 x 1,5	48	25

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

Similar products

- SILVYN® FPS refer to page 825
- SILVYN® FD-PU refer to page 827
- SILVYN® EDU-AS refer to page 866

Accessories

- SILVYN® MSK-M FPS-EDU refer to page 829
- SILVYN® US-M FPS-EDU refer to page 831
- SILVYN® US FPS-EDU refer to page 831
- SILVYN® US-FPS-EDU-AS refer to page 835



SILVYN® FD-PU



Benefits

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

Application range

- For indoor and outdoor use
- 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-2

Product Make-up

- PVC-insulated steel spring wire
- PUR outer sheath

Note

- PU = 50 m (on request)

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001177 ETIM 5.0/6.0 Class-Description: Protective plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Metallic blue
	Material PUR with PVC-insulated spring steel wire Fire behaviour according to UL94 V-2
	Temperature range -40°C to +80°C

Article number	Nominal size	ID x OD mm	Bending radius (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® FD-PU							
64453660	10	7.0 x 10.0	8	10 x 1,0	12 x 1,5	7	10
64453670	14	10.0 x 14.0	10	12 x 1,5	16 x 1,5	9	10
64453680	17	12.7 x 17.0	13	16 x 1,5	20 x 1,5	11	10
64453690	19	14.7 x 19.0	15			13,5	10
64453700	21	16.0 x 21.0	17	20 x 1,5	25 x 1,5	16	10
64453710	27	21.6 x 27.0	20	25 x 1,5	32 x 1,5	21	10
64453720	36	29.0 x 36.0	25	32 x 1,5	40 x 1,5	29	10
64453730	45	38.0 x 45.0	36	40 x 1,5	50 x 1,5	36	10
64453750	56	48.0 x 56.0	40	50 x 1,5	63 x 1,5	48	10

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

Accessories

- SILVYN® MSK-M EE refer to page 828
- SILVYN® USK-M refer to page 832
- SILVYN® US-M EE refer to page 830
- SILVYN® US EE refer to page 830
- SILVYN® LKI-M refer to page 833
- SILVYN® EE-K refer to page 834



SILVYN® MSK-M EE



Info

- Integrated SKINTOP® cable strain relief

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
- For indoor and outdoor use
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

Product features

- Combination of SILVYN® and SKINTOP®

Product Make-up

- SKINTOP® MS-M cable gland or
- SKINTOP® MS-SC-M EMC connection
- SILVYN® conduit connection via inner sleeve and cap nut

Suitable conduits

- SILVYN® FPS Page 825
- SILVYN® FD-PU Page 827

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

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



Protection rating

Cable: IP 68
Conduit:
IP 54 with SILVYN® FPS, FD-PU



Temperature range

-30 °C to +100 °C

Article number	Metric size	Clamping range in mm	Clear opening (mm)	Suitable for SILVYN® FPS/FD-PU	Pieces / PU
SILVYN® MSK-M for SILVYN® FPS/FD-PU					
55506070	12 x 1.5	3.0 - 7.0	6	7 x 10	5
55506071	16 x 1.5	4.5 - 10.0	9.3	10 x 14	5
55506072	20 x 1.5	7.0 - 13.0	11.5	13 x 17	5
55506073	25 x 1.5	9.0 - 17.0	13.4	16 x 21	5
55506074	32 x 1.5	11.0 - 21.0	19.5	22 x 27	5
55506075	40 x 1.5	19.0 - 28.0	27	29 x 36	1
55506076	50 x 1.5	27.0 - 35.0	36.4	38 x 45	1
55506077	63 x 1.5	34.0 - 45.0	46	48 x 56	1
SILVYN® MSK-SC-M for SILVYN® FPS/FD-PU					
55506101	16 x 1.5	4.5 - 10.0	9.3	10 x 14	5
55506102	20 x 1.5	7.0 - 13.0	11.5	13 x 17	5
55506103	25 x 1.5	9.0 - 17.0	13.4	16 x 21	5
55506104	32 x 1.5	11.0 - 21.0	19.5	22 x 27	5
55506105	40 x 1.5	19.0 - 28.0	27	29 x 36	1
55506106	50 x 1.5	27.0 - 35.0	36.4	38 x 45	1

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-DV refer to page 715



SILVYN® MSK-M FPS-EDU



Info

- Integrated SKINTOP® cable strain relief



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-EDU
- Plant engineering
- Mechanical engineering
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

Product features

- Combination of SILVYN® and SKINTOP®

Product Make-up

- SILVYN® conduit connection via inner sleeve and cap nut

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

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



Protection rating

Cable: IP 68
Conduit: IP 54 with SILVYN® FPS-EDU



Temperature range

-30°C to +100°C

Article number	Metric size	Clamping range in mm	Clear opening (mm)	Suitable for SILVYN® FPS-EDU	Pieces / PU
SILVYN® MSK-M FPS-EDU					
55506146	16 x 1.5	4.5 - 10.0	8.5	14	5
55506147	20 x 1.5	7.0 - 13.0	11	17	5
55506148	25 x 1.5	9.0 - 17.0	14.5	21	5
55506149	32 x 1.5	11.0 - 21.0	19.5	27	5
55506150	40 x 1.5	19.0 - 28.0	27.5	36	1
55506151	50 x 1.5	27.0 - 35.0	35.5	45	1
55506152	63 x 1.5	34.0 - 45.0	47	56	1

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-DV refer to page 715



SILVYN® US-M EE / SILVYN® US EE



Benefits

- High tensile strength
- Space-saving
- Vibration protection
- All-purpose
- Fast and easy assembly

Application range

- In combination with protective conduit:
- SILVYN® FPS
- SILVYN® FD-PU
- Mechanical engineering
- Plant engineering

Product features

- Compact design

Product Make-up

SILVYN® US-M EE

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

SILVYN® US EE

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

Suitable conduits

- SILVYN® FPS Page 825
- SILVYN® FD-PU Page 827

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

Body: nickel-plated brass
Sealing ring: TPE



Protection rating

IP 54 (with SILVYN® FPS, FD-PU)



Temperature range

-40°C to +125°C

Article number	Metric size	PG size	Clear opening (mm)	Suitable for SILVYN® FPS/FD-PU	Pieces / PU
SILVYN® US-M for SILVYN® FPS / FD-PU					
55502601	10 x 1.0		6	10	50
55502602	12 x 1.5		9	14	50
55502603	16 x 1.5		11.5	17	50
55502604	20 x 1.5		14.5	21	50
55502605	25 x 1.5		19.5	27	25
55502606	32 x 1.5		26.5	36	25
55502607	40 x 1.5		35	45	20
55502608	50 x 1.5		45.5	56	10
55502609	63 x 1.5		45.5	56	10
SILVYN® US for SILVYN® FPS / FD-PU					
55502651		7	6	10	50
55502652		9	9	14	50
55502653		11	11.5	17	50
55502654		13.5	13	19	50
55502655		16	14.5	21	50
55502656		21	19.5	27	25
55502657		29	26.5	36	25
55502658		36	36	45	20
55502659		48	45.5	56	10

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

Accessories

SILVYN® US-M EE

- SKINDICHT® SM-M refer to page 742

SILVYN® US EE

- SKINDICHT® SM refer to page 799





SILVYN® US-M FPS-EDU / SILVYN® US FPS-EDU



Benefits

- High tensile strength
- Space-saving
- Vibration protection
- All-purpose
- Fast and easy assembly

Application range

- In combination with protective conduit:
- SILVYN® FPS-EDU
- Mechanical engineering
- Plant engineering

Product features

- Compact design

Product Make-up

SILVYN® US-M FPS-EDU

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

SILVYN® US FPS-EDU

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

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

Body: nickel-plated brass
Sealing ring: TPE



Protection rating

IP 54 (with SILVYN® FPS-EDU)



Temperature range

-40°C to +125°C

Article number	Metric size	PG size	Clear opening (mm)	Suitable for SILVYN® FPS-EDU	Pieces / PU
SILVYN® US-M for SILVYN® FPS-EDU					
55502642	12 x 1.5		8.5	14	50
55502643	16 x 1.5		11	17	50
55502644	20 x 1.5		14.5	21	50
55502645	25 x 1.5		19.5	27	25
55502646	32 x 1.5		27.5	36	25
55502647	40 x 1.5		35	45	20
55502648	50 x 1.5		45	56	10
55502649	63 x 1.5		45	56	10
SILVYN® US for SILVYN® FPS-EDU					
55502689		9	8.5	14	50
55502690		11	11	17	50
55502691		13.5	13	19	50
55502692		16	14.5	21	50
55502693		21	19.5	27	25
55502694		29	27.5	36	25
55502696		36	35.5	45	20
55502697		48	47	56	10

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

Accessories

SILVYN® US-M FPS-EDU

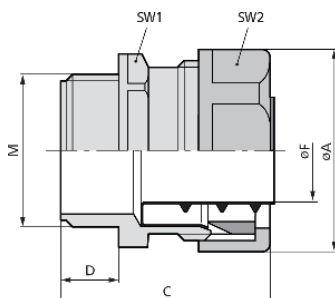
- SKINDICHT® SM-M refer to page 742

SILVYN® US FPS-EDU

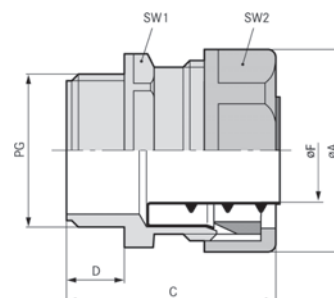
- SKINDICHT® SM refer to page 799



SILVYN® USK-M / SILVYN® USK



SILVYN® USK-M



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® SP/SP-PU
- Indoor applications
- Light mechanical stress

Product features

- Large wrench sizes

Product Make-up

SILVYN® USK-M

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

SILVYN® USK

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

Note

- Included: SILVYN® EE-K inner sleeve

Suitable conduits

- SILVYN® FPS Page 825
- SILVYN® FD-PU Page 827
- SILVYN® SP
- SILVYN® SP-PU

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001178
ETIM 5.0/6.0 Class-Description: Screw connection for protective plastic hose



Colour delivered

Silver grey (RAL 7001)



Material

PP



Protection rating

IP 54



Temperature range

-10°C to +110°C

Article number	Metric size	PG size	SW 1/2 mm	Overall length mm	Thread length mm	Clear opening (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		16 / 18	40	10	6	7 x 10			50
55501310	12 x 1.5		21 / 23	43	12	8	10 x 14	10 x 14	10 x 14	50
55501320	16 x 1.5		24 / 27	43	12	11	13 x 17	12 x 16	12 x 16	50
55501330	20 x 1.5		29 / 32	44	13	15	16 x 21	16 x 20	16 x 20	50
55501340	25 x 1.5		36 / 40	50	13	20	22 x 27	22 x 27	22 x 27	25
55501350	32 x 1.5		45 / 49	51	15	27	29 x 36	30 x 36	30 x 36	25
55501360	40 x 1.5		54 / 58	51	15	35	38 x 45	38 x 44	38 x 44	25
55501370	50 x 1.5		66 / 70	58	16	44.5	48 x 56	49 x 56		10
SILVYN® USK										
52005810		7	16 / 18	40	10	6	7 x 10			50
52005820		9	21 / 23	41	10	9	10 x 14	10 x 14		50
52005830		11	24 / 27	41	10	11	13 x 17	12 x 16		50
52005840		13.5	26 / 29	41	10	13	15 x 19	14 x 18		50
52005850		16	29 / 32	42	11	14.5	16 x 21	16 x 20		50
52005860		21	36 / 40	48	11	19.5	22 x 27	22 x 27		25
52005870		29	45 / 49	48	12	27	29 x 36	30 x 36		25
52005880		36	53 / 58	48	12	36	38 x 45	38 x 44		25
52005900		48	65 / 70	57	15	46	48 x 56	49 x 56		10

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



SILVYN® LKI-M / SILVYN® LKI



Info

- Swivelling upper part with integrated inner sleeve



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

Product Make-up

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

Suitable conduits

- SILVYN® FPS Page 825
- SILVYN® FD-PU Page 827

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001178
ETIM 5.0/6.0 Class-Description: Screw connection for protective plastic hose



Colour delivered

Silver grey (RAL 7001)



Material

PP



Protection rating

IP 54



Temperature range

-10°C to +110°C

Article number	Metric size	PG size	SW wrench size mm	Overall length mm	Thread length mm	Clear opening (mm)	Suitable for SILVYN® FPS/FD-PU	Pieces / PU
SILVYN® LKI-M								
55501400	12 x 1.5		16	38	10	5.5	7 x 10	50
55501410	16 x 1.5		19	39.5	10	9.5	10 x 14	50
55501420	20 x 1.5		22	42	10	11.5	13 x 17	50
55501430	25 x 1.5		27	48	11	14.5	16 x 21	50
55501440	32 x 1.5		35	58	12	19.5	22 x 27	25
55501450	40 x 1.5		45	59	12	27	29 x 36	25
55501460	50 x 1.5		54	62.5	12	35.5	38 x 45	25
55501470	63 x 1.5		65	68	15	46	48 x 56	10
SILVYN® LKI								
55000000		7	16	38	10	5.5	7 x 10	50
55000010		9	19	39.5	10	9.5	10 x 14	50
55000020		11	22	42	10	11.5	13 x 17	50
55000030		13.5	24	42	10	13	15 x 19	50
55000040		16	27	48	11	14.5	16 x 21	50
55000050		21	35	58	11	19.5	22 x 27	25
55000060		29	45	59	12	27	29 x 36	25
55000070		36	54	62.5	12	35.5	38 x 45	25
55000090		48	65	68	15	46	48 x 56	10

Photographs and graphics 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
- Conduit end cover

Product features

- All-round collar completely covers the protective conduit end

Product Make-up

- Threaded sleeve

Suitable conduits

- SILVYN® FPS Page 825
- SILVYN® FD-PU Page 827

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000519

ETIM 5.0/6.0 Class-Description:
Terminal sleeve for protective hose



Colour delivered

Silver grey (RAL 7001)



Material

PP



Temperature range

-10°C to +110°C

Article number	Nominal size	Suitable for SILVYN® FPS/FD-PU	Pieces / PU
SILVYN® EE-K			
52023340	10	7 x 10	50
52023350	14	10 x 14	50
52023360	17	13 x 17	50
52023370	19	15 x 19	50
52023380	21	16 x 21	50
52023390	27	22 x 27	25
52023400	36	29 x 36	25
52023410	45	38 x 45	20
52023430	56	48 x 56	10

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





SILVYN® US-FPS-EDU-AS



Benefits

- Cable damage can be prevented

Application range

- In combination with protective conduit:
- SILVYN® FPS-EDU
- Conduit end cover

Product features

- All-round collar completely covers the protective conduit end

Product Make-up

- Threaded sleeve

Suitable conduits

- SILVYN® FPS-EDU Page 826

Technical data



Material
Brass



Temperature range
-40 °C to +250 °C

Article number	Nominal size	Suitable conduit nominal size	Pieces / PU
SILVYN® US-FPS-EDU-AS			
61802581	14	14	50
61802582	17	17	50
61802583	19	19	50
61802584	21	21	50
61802585	27	27	25
61802586	36	36	25
61802587	45	45	20
61802588	56	56	10

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



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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Fine-profile corrugated polyamide 6 conduit

Note

- UV and weather-resistant in black

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001175
ETIM 5.0/6.0 Class-Description:
Corrugated plastic hose



Certifications

IEC EN 61386-23
UL File No. E308201
DNV, Lloyd's Register
EN 45545-2 (HL-3)



Colour delivered

Grey (RAL 7031)
Black (RAL 9011), UV-resistant



Material

PA 6
Silicone-free
Halogen-free
Fire behaviour according to UL 94V-0



Temperature range

-40°C to +115°C
short-term +150°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® KLIKK-M/90°M	Suitable for SILVYN® KLIKK PG/90°PG	Suitable for SILVYN® KLIKK-GPZ-M/GPZ	PU (m)
SILVYN® RILL PA 6 grey							
61746939	10	6.5 x 10.0	13	10 x 1,0	7/-	12 x 1,5/7	50
61746940	13	10.0 x 13.0	20	12 x 1,5/16 x 1,5	9	16x1,5/9	50
61746950	16	12.0 x 15.8	35	16 x 1,5/20 x 1,5	11	20x1,5/11	50
61747010	18	14.3 x 18.5	40		13,5	-/13,5	50
61746960	21	16.5 x 21.2	45	20 x 1,5	16	25x1,5/16	50
61746970	28	23.0 x 28.5	55	25 x 1,5	21	32x1,5/21	50
61746980	34	29.0 x 34.5	65	32 x 1,5	29	40x1,5/29	25
61746990	42	36.0 x 42.5	90	40 x 1,5	36	50x1,5/36	25
61747000	54	48.0 x 54.5	100	50 x 1,5	48	63x1,5/48	25
SILVYN® RILL PA 6 black							
61746935	10	6.5 x 10.0	13	10 x 1,0	7/-	12 x 1,5/7	50
61746945	13	10.0 x 13.0	20	12 x 1,5/16 x 1,5	9	16x1,5/9	50
61746955	16	12.0 x 15.8	35	16 x 1,5/20 x 1,5	11	20x1,5/11	50
61747015	18	14.3 x 18.5	40		13,5	-/13,5	50
61746965	21	16.5 x 21.2	45	20 x 1,5	16	25x1,5/16	50
61746975	28	23.0 x 28.5	55	25 x 1,5	21	32x1,5/21	50
61746985	34	29.0 x 34.5	65	32 x 1,5	29	40x1,5/29	25
61746995	42	36.0 x 42.5	90	40 x 1,5	36	50x1,5/36	25
61747005	54	48.0 x 54.5	100	50 x 1,5	48	63x1,5/48	25

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

Similar products

- SILVYN® FPAS refer to page 846
- SILVYN® RILL PA 12 refer to page 837

Accessories

- SILVYN® KLIKK-M refer to page 838
- SILVYN® KLIKK 90° M refer to page 839
- SILVYN® KLIKK GPZ-M refer to page 840
- SILVYN® KSE
- SILVYN® KLIKK PG
- SILVYN® KLIKK 90° PG
- SILVYN® KLIKK-GPZ
- SILVYN® KLIKK NPT refer to page 841
- SILVYN® KLIKK-Y refer to page 842
- SILVYN® KLIKK-RH refer to page 844
- SILVYN® K-EM refer to page 845



SILVYN® RILL PA 12



Info

- Designed for continuous movement



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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Fine-profile corrugated polyamide 12 conduit

Note

- UV and weather-resistant in black

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001175
ETIM 5.0/6.0 Class-Description:
Corrugated plastic hose

Certifications
IEC EN 61386-23
UL File No. E308201
DNV, Lloyd's Register
EN 45545-2 (HL-3)

Colour delivered
Grey (RAL 7031)
Black (RAL 9011), UV-resistant

Material
PA 12
Silicone-free
Halogen-free
Fire behaviour according to UL 94V-2

Temperature range
-50°C to +100°C
short-term +150°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® KLIKK-M/90°M	Suitable for SILVYN® KLIKK PG/90°PG	Suitable for SILVYN® KLIKK-GPZ-M/GPZ	PU (m)
SILVYN® RILL PA 12 grey							
61815100	10	6.5 x 10.0	13	10 x 1,5	7/-	12 x 1,5/7	50
61815110	13	10.0 x 13.0	15	12 x 1,5/16 x 1,5	9	16x1,5/9	50
61815120	16	12.0 x 15.8	22	16 x 1,5/20 x 1,5	11	20x1,5/11	50
61815180	18	14.3 x 18.5	27		13,5	-/13,5	50
61815130	21	16.5 x 21.2	35	20 x 1,5	16	25x1,5/16	50
61815140	28	23.0 x 28.5	45	25 x 1,5	21	32x1,5/21	50
61815150	34	29.0 x 34.5	50	32 x 1,5	29	40x1,5/29	25
61815160	42	36.0 x 42.5	80	40 x 1,5	36	50x1,5/36	25
61815170	54	48.0 x 54.5	100	50 x 1,5	48	63x1,5/48	25
SILVYN® RILL PA 12 black							
61815105	10	6.5 x 10.0	13	10 x 1,5	7/-	12 x 1,5/7	50
61815115	13	10.0 x 13.0	15	12 x 1,5/16 x 1,5	9	16x1,5/9	50
61815125	16	12.0 x 15.8	22	16 x 1,5/20 x 1,5	11	20x1,5/11	50
61815185	18	14.3 x 18.5	27		13,5	-/13,5	50
61815135	21	16.5 x 21.2	35	20 x 1,5	16	25x1,5/16	50
61815145	28	23.0 x 28.5	45	25 x 1,5	21	32x1,5/21	50
61815155	34	29.0 x 34.5	50	32 x 1,5	29	40x1,5/29	25
61815165	42	36.0 x 42.5	80	40 x 1,5	36	50x1,5/36	25
61815175	54	48.0 x 54.5	100	50 x 1,5	48	63x1,5/48	25

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

Similar products

- SILVYN® FPAS refer to page 846
- SILVYN® RILL PA 6 refer to page 836

Accessories

- SILVYN® KLIKK-M refer to page 838
- SILVYN® KLIKK 90° M refer to page 839
- SILVYN® KLIKK GPZ-M refer to page 840
- SILVYN® KSE
- SILVYN® KLIKK PG
- SILVYN® KLIKK 90° PG
- SILVYN® KLIKK-GPZ
- SILVYN® KLIKK NPT refer to page 841
- SILVYN® KLIKK-Y refer to page 842
- SILVYN® KLIKK-RH refer to page 844
- SILVYN® K-EM refer to page 845



SILVYN® KCLICK-M



Benefits

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

Application range

- In combination with protective conduit:
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- Robot-building
- Rotating applications

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001176

ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Colour delivered

Grey (RAL 7031)

Black (RAL 9011), UV-resistant



Material

PA6

Halogen-free



Protection rating

IP 68

IP 69



Temperature range

-40 °C to +115 °C

Article number	Metric size	SW wrench size mm	Overall length mm	Thread length mm	Clear opening (mm)	For conduit with outer Ø (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK-M grey								
55501000	10 x 1.0	16	34.5	12	6	10.0	10	50
55501010	12 x 1.5	18	37	12	7	13.0	13	50
55501020	16 x 1.5/1	18	37	12	10	13.0	13	50
55501030	16 x 1.5/2	21	39	12	11	15.8	16	50
55501040	20 x 1.5/1	21	39	13	12	15.8	16	50
55501050	20 x 1.5/2	27	44.5	13	16	21.2	21	50
55501060	25 x 1.5	34	47	13	20.5	28.5	28	25
55501070	32 x 1.5	40	51	15	25.5	34.5	34	25
55501080	40 x 1.5	55	76	17	32	42.5	42	25
55501090	50 x 1.5	65	88	17	42.5	54.5	54	10
55500990	63 x 1.5	70	88	17	49	54.5	54	10
SILVYN® KCLICK-M black								
55501005	10 x 1.0	16	34.5	12	6	10.0	10	50
55501015	12 x 1.5	18	37	12	7	13.0	13	50
55501025	16 x 1.5/1	18	37	12	10	13.0	13	50
55501035	16 x 1.5/2	21	39	12	11	15.8	16	50
55501045	20 x 1.5/1	21	39	13	12	15.8	16	50
55501055	20 x 1.5/2	27	44.5	13	16	21.2	21	50
55501065	25 x 1.5	34	47	13	20.5	28.5	28	25
55501075	32 x 1.5	40	51	15	25.5	34.5	34	25
55501085	40 x 1.5	55	76	17	32	42.5	42	25
55501095	50 x 1.5	65	88	17	42.5	54.5	54	10
55500995	63 x 1.5	70	88	17	49	54.5	54	10

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

Similar products

- SILVYN® KCLICK GPZ-M refer to page 840

Accessories

- SKINTOP® GMP-GL-M refer to page 711

SILVYN® KLICK 90° M



Benefits

- 90° elbow allows easy installation
- Fast assembly
- Easy to disassemble
- High-tensile
- High sealing performance

Application range

- In combination with protective conduit:
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- For applications with limited space
- Rotating applications

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Colour delivered

Grey (RAL 7031)
Black (RAL 9011), UV-resistant



Material

PA6
Halogen-free



Protection rating

IP 68
IP 69



Temperature range

-40 °C to +115 °C

Article number	Metric size	Thread length mm	Clear opening (mm)	For conduit with outer Ø (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KLICK 90° M grey						
55501110	10 x 1.0	12	6	10.0	10	50
55501120	12 x 1.5	12	8	13.0	13	50
55501130	16 x 1.5/1	12	12	13.0	13	50
55501140	16 x 1.5/2	12	12	15.8	16	50
55501150	20 x 1.5/1	13	15	15.8	16	50
55501160	20 x 1.5/2	13	15	21.2	21	50
55501170	25 x 1.5/1	13	18	21.2	21	50
55501180	25 x 1.5/2	13	18	28.5	28	25
55501190	32 x 1.5/1	15	24	28.5	28	25
55501200	32 x 1.5/2	15	24	34.5	34	10
55501210	40 x 1.5/1	15	32	34.5	34	10
55501220	40 x 1.5/2	15	32	42.5	42	10
55501230	50 x 1.5/1	16	39	42.5	42	10
55501240	50 x 1.5/2	16	39	54.5	54	5
55501250	63 x 1.5	16	53	54.5	54	5
SILVYN® KLICK 90° M black						
55501115	10 x 1.0	12	6	10.0	10	50
55501125	12 x 1.5	12	8	13.0	13	50
55501135	16 x 1.5/1	12	12	13.0	13	50
55501145	16 x 1.5/2	12	12	15.8	16	50
55501155	20 x 1.5/1	13	15	15.8	16	50
55501165	20 x 1.5/2	13	15	21.2	21	50
55501175	25 x 1.5/1	13	18	21.2	21	50
55501185	25 x 1.5/2	13	18	28.5	28	25
55501195	32 x 1.5/1	15	24	28.5	28	25
55501205	32 x 1.5/2	15	24	34.5	34	10
55501215	40 x 1.5/1	15	32	34.5	34	10
55501225	40 x 1.5/2	15	32	42.5	42	10
55501235	50 x 1.5/1	16	39	42.5	42	10
55501245	50 x 1.5/2	16	39	54.5	54	5
55501255	63 x 1.5	16	53	54.5	54	5

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711



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 PA 6
- SILVYN® RILL PA 12
- Robot-building
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Colour delivered

Grey (RAL 7031)
Black (RAL 9011), UV-resistant



Material

PA6



Protection rating

IP 68
IP 69



Temperature range

-40 °C to +115 °C

Article number	Metric size	Clamping range in mm	SW wrench size mm	Thread length mm	Clear opening (mm)	For conduit with outer Ø (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK, GPZ-M grey								
55500800	12 x 1.5	4.0 - 6.5	16	8	6.5	10	10	20
55500810	16 x 1.5	5.0 - 9.5	18	8	9.5	13	13	20
55500820	20 x 1.5	8.0 - 12.0	24	8	13	15.8	16	20
55500830	25 x 1.5	11.0 - 16.0	27	8	16	21.2	21	10
55500840	32 x 1.5	15.0 - 21.0	34	10	18	28.5	28	10
55500850	40 x 1.5	16.0 - 26.0	40	10	25	34.5	34	10
55500860	50 x 1.5	27.0 - 35.0	55	12	32	42.5	42	10
55500870	63 x 1.5	32.0 - 42.0	65	12	44	54.5	54	10
SILVYN® KCLICK, GPZ-M black								
55500805	12 x 1.5	4.0 - 6.5	16	8	6.5	10	10	20
55500815	16 x 1.5	5.0 - 9.5	18	8	9.5	13	13	20
55500825	20 x 1.5	8.0 - 12.0	24	8	13	15.8	16	20
55500835	25 x 1.5	11.0 - 16.0	27	8	16	21.2	21	10
55500845	32 x 1.5	15.0 - 21.0	34	10	18	28.5	28	10
55500855	40 x 1.5	16.0 - 26.0	40	10	25	34.5	34	10
55500865	50 x 1.5	27.0 - 35.0	55	12	32	42.5	42	10
55500875	63 x 1.5	32.0 - 42.0	65	12	44	54.5	54	10

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SILVYN® KLIKK NPT



Benefits

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

Application range

- In combination with protective conduit:
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- Robot-building
- Rotating applications

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data

RAL	Colour delivered Black (RAL 9005), UV-resistant
Material	PA6 Halogen-free
IP	Protection rating IP 68 IP 69
Temperature range	-40 °C to +115 °C

Article number	Nominal size	Overall length mm	Thread length mm	Clear opening (mm)	For conduit with outer Ø (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KLIKK NPT							
61800705	NPT 1/4"	34	11.5	7	10.0	10	50
61800715	NPT 3/8"	37	12	10	13.0	13	50
61800725	NPT 3/8"	39	12	12.5	15.8	16	50
61800745	NPT 1/2"	43.5	13	17	21.2	21	50
61800755	NPT 3/4"	47.5	14	21	28.5	28	25
61800765	NPT 1"	52	16	27.5	34.5	34	25
61800775	NPT 1 1/4"	77	18	36.5	42.5	42	25
61800784	NPT 1 1/2"	89	18	42.5	54.5	54	10
61800785	NPT 2"	92	21	48.5	54.5	54	10

Photographs and graphics 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 assembly
- Easy to disassemble
- High-tensile
- Easy combination of different conduit sizes

SILVYN® KCLICK-Y (TPE)

- Easy to assemble
- High temperature resistance

Application range

SILVYN® KCLICK-Y

- In combination with protective conduit
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- Y-distributor for SILVYN® RILL conduits

SILVYN® KCLICK-Y (TPE)

- In combination with protective conduit:
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- Y-distributor for SILVYN® RILL conduits

Norm references / Approvals

SILVYN® KCLICK-Y

- UL FILENUMBER E308201

Product Make-up

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

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001172
ETIM 5.0/6.0 Class-Description:
Coupler for corrugated plastic hoses



On request

SILVYN® KCLICK-Y

More sizes / combinations



Colour delivered

Grey (RAL 7031)
Black (RAL 9011), UV-resistant



Material

SILVYN® KCLICK-Y

PA6

Halogen-free

SILVYN® KCLICK-Y (TPE)

TPE



Protection rating

SILVYN® KCLICK-Y

IP 68

IP 69

SILVYN® KCLICK-Y (TPE)

IP 66



Temperature range

-40 °C to +115 °C

Article number	Nominal size	For conduit with outer Ø (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK-Y grey				
61801090	2 x 10/1 x 13	10.0 / 13.0	10/13	10
61801100	3 x 13	13.0	13	10
61801110	2 x 13/1 x 16	13.0 / 15.8	13/16	10
56000130	3 x 16	15.8	16	10
SILVYN® KCLICK-Y black				
61801095	2 x 10/1 x 13	10.0 / 13.0	10/13	10
61801105	3 x 13	13.0	13	10
61801115	2 x 13/1 x 16	13.0 / 15.8	13/16	10
56000135	3 x 16	15.8	16	10
SILVYN® KCLICK-Y (TPE) grey				
56000120	3 x 10	10.0	10	10
56000140	2 x 16/1 x 21	15.8 / 21.2	16/21	10
56000150	2 x 21/1 x 28	21.2 / 28.5	21/28	10
56000160	2 x 28/1 x 34	28.5 / 34.5	28/34	10
SILVYN® KCLICK-Y (TPE) black				
56000125	3 x 10	10.0	10	10
56000145	2 x 16/1 x 21	15.8 / 21.2	16/21	10
56000155	2 x 21/1 x 28	21.2 / 28.5	21/28	10
56000165	2 x 28/1 x 34	28.5 / 34.5	28/34	10

Photographs and graphics 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
- High tensile strength
- Conduit retained by rib

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 PA 6
- SILVYN® RILL PA 12
- 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
- SILVYN® KCLICK S

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

Product Make-up

SILVYN® KCLICK-S

- Multi-part conduit holder with M5 borehole for fixation

SILVYN® KCLICK-D

- Cover with connection pins

SILVYN® KCLICK-V

- Connection pin

Suitable conduits

- SILVYN® RILL PA 6 Page 836

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001171
ETIM 5.0/6.0 Class-Description: Holder for protective hose



Colour delivered

Grey (RAL 7031)
Black (RAL 9011), UV-resistant



Material

PA6



Temperature range

-40°C to +105°C

Article number	Nominal size	For conduit with outer Ø (mm)	Pieces / PU
SILVYN® KCLICK-S grey			
61811110	10	10	100
61811120	13	13	100
61811130	16	15.8	50
61811190	18	18.5	50
61811140	21	21.2	50
61811150	28	28.5	50
61811160	34	34.5	30
61811170	42	42.5	20
61811180	54	54.5	20
SILVYN® KCLICK-S black			
61811115	10/13	10	100
61811125	13	13	100
61811135	16	15.8	50
61811195	18	18.5	50
61811145	21	21.2	50
61811155	28	28.5	50
61811165	34	34.5	30
61811175	42	42.5	20
61811185	54	54.5	20
SILVYN® KCLICK-D grey			
61811200	10/13		100
61811260	16		50
61811210	18/21		50
61811220	28		50
61811230	34		30
61811240	42		20
61811250	54		20
SILVYN® KCLICK-D black			
61811205	10/13		100
61811265	16		50
61811215	18/21		50
61811225	28		50
61811235	34		30
61811245	42		20
61811255	54		20
SILVYN® KCLICK-V grey			
61811270			100
SILVYN® KCLICK-V black			
61811275			100

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



SILVYN® KCLICK-RH



Info

- One-piece conduit holder

Benefits

- Fast assembly
- Easy to disassemble
- High tensile strength
- Conduit retained by rib
- No loose parts

Application range

- In combination with protective conduit
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- 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

Product Make-up

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

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001171
ETIM 5.0/6.0 Class-Description: Holder for protective hose



Colour delivered

Grey (RAL 7031)
Black (RAL 9011), UV-resistant



Material

PA6
Halogen-free



Temperature range

-40 °C to +115 °C

Article number	Nominal size	Hole Ø (mm)	Suitable for SILVYN® RILL	Pieces / PU
SILVYN® KCLICK-RH grey				
65500630	10	5	10	50
65500631	13	5	13	50
65500632	16	6	16	50
65500633	18	6	18	50
65500634	21	6	21	50
65500635	28	6	28	25
65500636	34	6	34	25
65500637	42	6	42	25
65500638	54	6	54	10
SILVYN® KCLICK-RH black				
65500639	10	5	10	50
65500640	13	5	13	50
65500641	16	6	16	50
65500642	18	6	18	50
65500643	21	6	21	50
65500644	28	6	28	25
65500645	34	6	34	25
65500646	42	6	42	25
65500647	54	6	54	10

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



SILVYN® K-EM



Benefits

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

Application range

- In combination with protective conduit:
- SILVYN® RILL PA 6
- SILVYN® RILL PA 12
- Intersection or end sleeve

Suitable conduits

- SILVYN® RILL PA 6 Page 836
- SILVYN® RILL PA 12 Page 837

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000519 ETIM 5.0/6.0 Class-Description: Terminal sleeve for protective hose
	Colour delivered Grey (RAL 7031) Black (RAL 9011), UV-resistant
	Material TPE-V
	Temperature range -40°C to +120°C

Article number	Nominal size	Overall length mm	For conduit with outer Ø (mm)	Pieces / PU
SILVYN® K-EM grey				
65500200	10	29	10	50
65500210	13	32.5	13	50
65500220	16	36.5	15.8	50
65500230	21	37.5	21.2	50
65500240	28	40.2	28.5	25
65500250	34	44.2	34.5	25
65500260	42	46	42.5	25
65500270	54	52	54.5	10
SILVYN® K-EM black				
65500205	10	29	10	50
65500215	13	32.5	13	50
65500225	16	36.5	15.8	50
65500235	21	37.5	21.2	50
65500245	28	40.2	28.5	25
65500255	34	44.2	34.5	25
65500265	42	46	42.5	25
65500275	54	52	54.5	10

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



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
- For indoor and outdoor use

Product features

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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Fine-profile corrugated polyamide 6 conduit

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001175 ETIM 5.0/6.0 Class-Description: Corrugated plastic hose
	Certifications IEC EN 61386-23
	On request Available in PA 12
	Colour delivered Grey (RAL 7031) Black (RAL 9005), UV-resistant
	Material PA 6 Halogen-free Fire behaviour according to UL94 V-2
	Temperature range -40 °C to +120 °C static -20 °C to +100 °C dynamic

Article number	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® FPAS black				
61754005	10	6.3 x 10.0	15	50
61754015	13	9.8 x 13.0	25	50
61754025	16	11.8 x 15.8	35	50
61754275	18	14.2 x 18.5	40	50
61737162	20	14.8 x 20.0	45	50
61754035	21	16.7 x 21.2	45	50
61737164	25	19.1 x 25.0	50	50
61754045	28	22.8 x 28.5	50	50
61754055	34	28.1 x 34.5	60	25
61754065	42	35.5 x 42.5	70	25
61754075	54	47.2 x 54.5	80	25
61754305	67	56.3 x 67.2	130	10
SILVYN® FPAS grey				
61754000	10	6.3 x 10.0	15	50
61754010	13	9.8 x 13.0	25	50
61754020	16	11.8 x 15.8	35	50
61754270	18	14.2 x 18.5	40	50
61737253	20	14.8 x 20.0	45	50
61754030	21	16.7 x 21.2	45	50
61737163	25	19.1 x 25.0	50	50
61754040	28	22.8 x 28.5	50	50
61754050	34	28.1 x 34.5	60	25
61754060	42	35.5 x 42.5	70	25
61754070	54	47.2 x 54.5	80	25
61754300	67	56.3 x 67.2	130	10

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

Accessories

- SILVYN® FPAX-M refer to page 847
- SILVYN® FPAX 90° M refer to page 848
- SILVYN® FPAX NPT refer to page 849
- SILVYN® FPAG-M refer to page 851
- SILVYN® FPAG 45° M
- SILVYN® FPAG 90° M refer to page 852
- SILVYN® FPAX-DUO M refer to page 853
- SILVYN® FPAG-DUO M refer to page 853
- SILVYN® KSE-M refer to page 854
- SILVYN® FPAG PG
- SILVYN® FPAG 90° PG
- SILVYN® FLEXILOK M refer to page 855
- SILVYN® FLEXILOK 90° M refer to page 855
- SILVYN® FLEXILOK PG
- SILVYN® FLEXILOK 90° PG
- SILVYN® FCL refer to page 856
- SILVYN® FPAC refer to page 857

SILVYN® FPAX-M

Info

- IP66
- IP67
- IP68 (2bar)
- IP69

Benefits

- Fast assembly
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Suitable conduits

- SILVYN® FPAS Page 846



Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001176 ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Grey (RAL 7031) Black (RAL 9005), UV-resistant
	Material PA66 Halogen-free
	Protection rating IP66 IP67 IP68 (2bar) IP69
	Temperature range -50°C to +135°C

Article number	Metric size	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
55506175	25 x 1.5	FPAS 28	10
55506185	32 x 1.5	FPAS 34	10
55506195	40 x 1.5	FPAS 42	2
55506205	50 x 1.5/1	FPAS 42	2
55506215	50 x 1.5/2	FPAS 54	2
55506225	63 x 1.5	FPAS 54	2
55506226	63 x 1.5	FPAS 67	1
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
55506275	25 x 1.5	FPAS 28	10
55506285	32 x 1.5	FPAS 34	10
55506295	40 x 1.5	FPAS 42	2
55507265	50 x 1.5/1	FPAS 42	2
55507275	50 x 1.5/2	FPAS 54	2
55507285	63 x 1.5	FPAS 54	2
55507286	63 x 1.5	FPAS 67	1

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SILVYN® FPAX 90° M



Info

- IP66
- IP67
- IP68 (2 bar)
- IP69

Benefits

- 90° elbow allows easy installation
- Fast assembly
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Suitable conduits

- SILVYN® FPAS Page 846

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001176 ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Grey (RAL 7031) Black (RAL 9005), UV-resistant
	Material PA66 Halogen-free
	Protection rating IP66 IP67 IP68 (2 bar) IP69
	Temperature range -50°C to +135°C

Article number	Metric size	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAX 90° M black			
55507300	16 x 1.5/1	FPAS 13	10
55507301	16 x 1.5/2	FPAS 16	10
55507302	20 x 1.5/1	FPAS 16	10
55507303	20 x 1.5/2	FPAS 21	10
55507304	25 x 1.5	FPAS 28	10
55507305	32 x 1.5	FPAS 34	10
55507306	40 x 1.5	FPAS 42	1
55507307	50 x 1.5/1	FPAS 42	1
55507308	50 x 1.5/2	FPAS 54	1
55507309	63 x 1.5	FPAS 54	1
SILVYN® FPAX 90° M grey			
55507310	16 x 1.5/1	FPAS 13	10
55507311	16 x 1.5/2	FPAS 16	10
55507312	20 x 1.5/1	FPAS 16	10
55507313	20 x 1.5/2	FPAS 21	10
55507314	25 x 1.5	FPAS 28	10
55507315	32 x 1.5	FPAS 34	10
55507316	40 x 1.5	FPAS 42	1
55507317	50 x 1.5/1	FPAS 42	1
55507318	50 x 1.5/2	FPAS 54	1
55507319	63 x 1.5	FPAS 54	1

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711

SILVYN® FPAX NPT

i Info

- IP66
- IP67
- IP68 (2bar)
- IP69



Benefits

- Fast assembly
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Suitable conduits

- SILVYN® FPAS Page 846

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001176 ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Black (RAL 9005), UV-resistant
	Material PA66 Halogen-free
	Protection rating IP66 IP67 IP68 (2bar) IP69
	Temperature range -50°C to +135°C

Article number	Nominal size	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAX NPT black			
55507700	NPT 3/8"	16	10
55507710	NPT 1/2"	16	10
55507720	NPT 1/2"	21	10
55507730	NPT 3/4"	28	10
55507740	NPT 1"	34	10
55507750	NPT 1 1/4"	42	2
55507760	NPT 1 1/2"	42	2
55507770	NPT 1 1/2"	54	2
55507780	NPT 2"	54	2
55507790	NPT 2"	67	2

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

SILVYN® FPAX T / SILVYN® FPAX Y / SILVYN® FPAX R / SILVYN® FPAX P**SILVYN® FPAX T****SILVYN® FPAX Y****SILVYN® FPAX R****SILVYN® FPAX P****Benefits****SILVYN® FPAX T**

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

SILVYN® FPAX Y

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

SILVYN® FPAX R

- Reducer for the SILVYN® FPAX T/Y system

SILVYN® FPAX P

- Stop Plug for the SILVYN® FPAX T/Y system

Application range

- In combination with protective conduit:
- SILVYN® FPAS

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC001172

ETIM 5.0/6.0 Class-Description:

Coupler for corrugated plastic hoses

**Colour delivered**

Black (RAL 9005), UV-resistant

**Material**

PA66

Halogen-free

Polyester Elastomer

**Protection rating**

IP66

IP67

IP68 (2 bar)

IP69

**Temperature range**

-50°C to +135°C

Article number	Nominal size	Hole Ø (mm)	Suitable for SILVYN® FPAX T/Y	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAX T					
55507340	16	6		16	3
55507341	21	6		21	3
55507342	28	6		28	3
55507343	34	7		34	3
55507344	42	7		42	3
SILVYN® FPAX Y					
55507350	16-13-13	4		1x16 / 2x13	3
55507351	21-16-16	5		1x21 / 2x16	3
55507352	28-21-21	6		1x28 / 2x21	3
55507353	34-28-28	6.5		1x34 / 2x28	3
SILVYN® FPAX R					
55507360	16-13		16	13	5
55507361	21-16		21	16	5
55507363	28-16		28	16	5
55507362	28-21		28	21	5
55507366	34-16		34	16	5
55507365	34-21		34	21	5
55507364	34-28		34	28	5
55507369	42-21		42	21	3
55507368	42-28		42	28	3
55507367	42-34		42	34	3
SILVYN® FPAX P					
55507370	16		16		5
55507371	21		21		5
55507372	28		28		5
55507373	34		34		3

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

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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Metric connection thread
- Upper part with integrated all-round tothing

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® FPAS Page 846

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001176 ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose
	Certifications IEC EN 61386-23
	Colour delivered Grey (RAL 7031) Black (RAL 9005), UV-resistant
	Material PA66 Halogen-free
	Protection rating IP 66
	Temperature range -50°C to +135°C

Article number	Metric size	For conduit with outer Ø (mm)	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG-M black				
55506305	12 x 1.5	10.0	10	10
55506315	16 x 1.5	13.0	13	10
55506325	16 x 1.5	15.8	16	10
55506335	20 x 1.5	15.8	16	10
55507055	20 x 1.5	18.5	18	10
55506346	20 x 1.5	20.0	20	10
55506345	20 x 1.5	21.2	21	10
55506357	25 x 1.5	25.0	25	10
55506355	25 x 1.5	28.5	28	10
55506365	32 x 1.5	34.5	34	10
55506375	40 x 1.5	42.5	42	2
55506385	50 x 1.5	42.5	42	2
55506395	50 x 1.5	54.5	54	2
55506405	63 x 1.5	54.5	54	2
55506475	63 x 1.5	67.2	67	2
SILVYN® FPAG-M grey				
55506300	12 x 1.5	10.0	10	10
55506310	16 x 1.5	13.0	13	10
55506320	16 x 1.5	15.8	16	10
55506330	20 x 1.5	15.8	16	10
55507050	20 x 1.5	18.5	18	10
55506341	20 x 1.5	20.0	20	10
55506340	20 x 1.5	21.2	21	10
55506351	25 x 1.5	25.0	25	10
55506350	25 x 1.5	28.5	28	10
55506360	32 x 1.5	34.5	34	10
55506370	40 x 1.5	42.5	42	2
55506380	50 x 1.5	42.5	42	2
55506390	50 x 1.5	54.5	54	2
55506400	63 x 1.5	54.5	54	2
55506470	63 x 1.5	67.2	67	2

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

Similar products

- SILVYN® FPAX-M refer to page 847
- SILVYN® FPAX-DUO M refer to page 853
- SILVYN® FPAG-DUO M refer to page 853
- SILVYN® KSE-M refer to page 854

Accessories

- SKINTOP® GMP-GL-M refer to page 711

Protective cable conduit systems and cable carrier systems

Parallel corrugated protective cable conduit systems • High mechanical resistance



SILVYN® FPAG 90° M



Benefits

- 90° elbow allows easy installation
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® FPAS Page 846

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Certifications

IEC EN 61386-23



Colour delivered

Grey (RAL 7031)
Black (RAL 9005), UV-resistant



Material

PA66
Halogen-free



Protection rating

IP66



Temperature range

-50°C to +135°C

Article number	Metric size	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAG 90° M black			
55506485	12 x 1.5	10	10
55506495	16 x 1.5	13	10
55506505	16 x 1.5	16	10
55506515	20 x 1.5	16	10
55507075	20 x 1.5	18	10
55506526	20 x 1.5	20	10
55506525	20 x 1.5	21	10
55506536	25 x 1.5	25	10
55506535	25 x 1.5	28	10
55506545	32 x 1.5	34	10
55507085	40 x 1.5	42	1
55506555	50 x 1.5	42	1
55506565	50 x 1.5	54	1
55506575	63 x 1.5	54	1
55507095	63 x 1.5	67	1
SILVYN® FPAG 90° M grey			
55506480	12 x 1.5	10	10
55506490	16 x 1.5	13	10
55506500	16 x 1.5	16	10
55506510	20 x 1.5	16	10
55507070	20 x 1.5	18	10
55506521	20 x 1.5	20	10
55506520	20 x 1.5	21	10
55506531	25 x 1.5	25	10
55506530	25 x 1.5	28	10
55506540	32 x 1.5	34	10
55507080	40 x 1.5	42	1
55506550	50 x 1.5	42	1
55506560	50 x 1.5	54	1
55506570	63 x 1.5	54	1
55507090	63 x 1.5	67	1

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SILVYN® FPAX-DUO M / SILVYN® FPAG-DUO M



Info

- Integrated SKINTOP® cable strain relief



Benefits

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

Application range

SILVYN® FPAX-DUO M

- In combination with protective conduit:
- SILVYN® FPAS

SILVYN® FPAG-DUO M

- In combination with protective conduit:
- SILVYN® HCC

Product features

- Good weather and UV-resistance
- Conduit fitting is openable with a screwdriver

Product Make-up

- Metric connection thread
- Body with inner sealing
- Upper part with integrated all-round toothing
- Integrated SKINTOP® cable strain relief

Suitable conduits

SILVYN® FPAX-DUO M

- SILVYN® FPAS Page 846

SILVYN® FPAG-DUO M

- SILVYN® FPAS Page 846
- SILVYN® HCC

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Certifications

IEC EN 61386-23



Colour delivered

Black (RAL 9005), UV-resistant



Material

PA66
Halogen-free



Protection rating

SILVYN® FPAX-DUO M

IP 68

SILVYN® FPAG-DUO M

Conduit: IP66

Cable: IP68



Temperature range

-30°C to +100°C

Article number	Metric size	Clamping range in mm	Thread length mm	Suitable for SILVYN® FPAS	Suitable for SILVYN® HCC	Pieces / PU
SILVYN® FPAX-DUO M						
61805109	16 x 1.5	4.0 - 10.0	8	16		10
61805110	20 x 1.5	6.0 - 13.0	9	21		10
61805111	25 x 1.5	8.0 - 17.0	10	28		10
SILVYN® FPAG-DUO M						
61805112	16 x 1.5	4.0 - 10.0	8		16	10
61805113	20 x 1.5	6.0 - 13.0	9		20	10
61805114	25 x 1.5	8.0 - 17.0	10		25	10

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

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SILVYN® KSE-M



Benefits

- Fast assembly
- 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

Product Make-up

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

Suitable conduits

- SILVYN® FPAS Page 846

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Certifications

IEC EN 61386-23



On request

without EMC contacts



Colour delivered

Black (RAL 9005), UV-resistant



Material

Nickel-plated brass
PA66
Halogen-free



Protection rating

Conduit: IP66
Cable: IP68



Temperature range

-30°C to +100°C

Article number	Metric size	Clamping range in mm	Thread length 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	13	13,0	10
55507115	16 x 1.5/2	4.5 - 9.0	12	16	15,8	10
55507125	20 x 1.5/1	7.0 - 12.5	12	16	15,8	10
55507135	20 x 1.5/2	7.0 - 12.5	12	21	21,2	10
55507145	25x1.5	9.0 - 16.5	12	28	28,5	10
55507155	32 x 1.5	11.0 - 21.0	15	34	34,5	10
55507165	40x1.5	19.0 - 28.0	15	42	42,5	1
55507175	50 x 1.5	27.0 - 35.0	15	54	54,5	1

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

Accessories

- SKINDICHT® SM-PE-M refer to page 742



Info

- Extremely economical
- Small purchasing unit

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

Norm references / Approvals

- UL FILENUMBER E308201

SILVYN[®] FLEXILOK M / SILVYN[®] FLEXILOK 90° M

SILVYN[®] FLEXILOK MSILVYN[®] FLEXILOK 90° M

Product Make-up

SILVYN[®] FLEXILOK M

- Metric connection thread
- One-piece body
- Special clamping system

SILVYN[®] FLEXILOK 90° M

- Metric connection thread
- 90° elbow
- Special clamping system

Note

- Removeable with a screwdriver
- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN[®] FPAS Page 846

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001176 ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose
	Norm references / Approvals IEC EN 61386-23
	Colour delivered Grey (RAL 7031) Black (RAL 9005), UV-resistant
	Material PA66 Halogen-free
	Protection rating IP 66
	Temperature range -40°C to +120°C

Article number	Metric size	Thread length mm	Suitable for SILVYN [®] FPAS	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN[®] FLEXILOK M black					
65500403	12 x 1.5	9	FPAS 10	10,0	10
65500405	16 x 1.5	12	FPAS 13	13,0	10
65500425	16 x 1.5	12	FPAS 16	15,8	10
65500415	20 x 1.5	14	FPAS 13	13,0	10
65500435	20 x 1.5	14	FPAS 16	15,8	10
65500436	20 x 1.5	14	FPAS 20	20	10
65500445	20 x 1.5	14	FPAS 21	21,2	10
65500456	25 x 1.5	15	FPAS 25	25	10
65500455	25 x 1.5	15	FPAS 28	28,5	10
65500464	32 x 1.5	16	FPAS 32	32	10
65500465	32 x 1.5	16	FPAS 34	34,5	10
65500458	40 x 1.5	16	FPAS 42	42,5	2
65500459	50 x 1.5	16	FPAS 54	54,5	1
65500468	63 x 1.5	16	FPAS 54	54,5	1
SILVYN[®] FLEXILOK M grey					
65500404	12 x 1.5	9	FPAS 10	10,0	10
65500600	16 x 1.5	12	FPAS 13	13,0	10
65500420	16 x 1.5	12	FPAS 16	15,8	10
65500410	20 x 1.5	14	FPAS 13	13,0	10
65500430	20 x 1.5	14	FPAS 16	15,8	10
65500431	20 x 1.5	14	FPAS 20	20	10
65500440	20 x 1.5	14	FPAS 21	21,2	10
65500454	25 x 1.5	15	FPAS 25	25	10
65500610	25 x 1.5	15	FPAS 28	28,5	10
65500451	32 x 1.5	16	FPAS 32	32	10
65500460	32 x 1.5	16	FPAS 34	34,5	10
65500466	40 x 1.5	16	FPAS 42	42,5	2
65500467	50 x 1.5	16	FPAS 54	54,5	1
65500469	63 x 1.5	16	FPAS 54	54,5	1
SILVYN[®] FLEXILOK 90° M black					
68100100	16 x 1.5	12	FPAS 16	15,8	10
68100105	20 x 1.5	13	FPAS 16	15,8	10
68100106	20 x 1.5	13	FPAS 20	20	10
68100110	20 x 1.5	13	FPAS 21	21,2	10
68100114	25 x 1.5	15	FPAS 25	25	10
68100115	25 x 1.5	15	FPAS 28	28,5	10
68100119	32 x 1.5	16	FPAS 32	32	10
68100120	32 x 1.5	16	FPAS 34	34,5	10
SILVYN[®] FLEXILOK 90° M grey					
68100125	16 x 1.5	12	FPAS 16	15,8	10
68100130	20 x 1.5	13	FPAS 16	15,8	10
68100131	20 x 1.5	13	FPAS 20	20	10
68100135	20 x 1.5	13	FPAS 21	21,2	10
68100139	25 x 1.5	15	FPAS 25	25	10
68100140	25 x 1.5	15	FPAS 28	28,5	10
68100144	32 x 1.5	16	FPAS 32	32	10
68100145	32 x 1.5	16	FPAS 34	34,5	10

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

Accessories

- SKINTOP[®] GMP-GL-M refer to page 711



SILVYN® FCL



Benefits

- Fast assembly
- Easy to disassemble
- High mechanical strength
- Conduit retained by rib
- 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

Product Make-up

- One-piece conduit holder with borehole for fixation

Note

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® FPAS Page 846

Technical data

	Classification ETIM 5/6
	ETIM 5.0/6.0 Class-ID: EC001171
	ETIM 5.0/6.0 Class-Description: Holder for protective hose
	Certifications
	IEC EN 61386-23
	Colour delivered
	Grey (RAL 7031)
	Black (RAL 9005), UV-resistant
	Material
	PA66
	Halogen-free
	Temperature range
	-50°C to +135°C

Article number	Nominal size	Hole Ø (mm)	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FCL black				
55506905	10	5	10	10
55506915	13	5	13	10
55506925	16	5	16	10
55506985	18	6	18	10
55507405	20	6	20	10
55506935	21	6	21	10
55507415	25	6	25	10
55506945	28	6	28	10
55506954	32	6	32	10
55506955	34	6	34	10
55506965	42	6	42	10
55506975	54	6	54	10
SILVYN® FCL grey				
55506900	10	5	10	10
55506910	13	5	13	10
55506920	16	5	16	10
55506980	18	6	18	10
55507400	20	6	20	10
55506930	21	6	21	10
55507410	25	6	25	10
55506940	28	6	28	10
55506949	32	6	32	10
55506950	34	6	34	10
55506960	42	6	42	10
55506970	54	6	54	10

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

SILVYN® FPAC



Benefits

- Fast assembly
- High tensile strength
- 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

Note

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® FPAS Page 846

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001172 ETIM 5.0/6.0 Class-Description: Coupler for corrugated plastic hoses
	Certifications IEC EN 61386-23
	On request IP68 / IP69 version
	Colour delivered Grey (RAL 7031) Black (RAL 9005), UV-resistant
	Material PA66 Halogen-free
	Protection rating IP 66
	Temperature range -50°C to +135°C

Article number	Nominal size	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® FPAC black			
55507005	16	16	10
55507006	20	20	10
55507015	21	21	10
55507016	25	25	10
55507025	28	28	10
55507035	34	34	10
55507036	42	42	2
55507037	54	54	2
SILVYN® FPAC grey			
55507000	16	16	10
55507001	20	20	10
55507010	21	21	10
55507011	25	25	10
55507020	28	28	10
55507030	34	34	10
55507031	42	42	2
55507032	54	54	2

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



SILVYN® EC



Benefits

- Cable damage can be prevented
- Additional sealing
- Easy to assemble

Application range

- In combination with protective conduit:
- SILVYN® FPAS
- Intersection or end sleeve

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000519 ETIM 5.0/6.0 Class-Description: Terminal sleeve for protective hose
	On request SILVYN® REC for FPAS67
	Colour delivered Black (RAL 9005), UV-resistant
	Material NEC: PA66 REC: TPE
	Temperature range NEC: -50°C to +135°C REC: -50°C to +120°C

Article number	Nominal size	Clamping range in mm	Clear opening (mm)	Suitable for SILVYN® FPAS	Pieces / PU
SILVYN® NEC					
55507097	16		10.5	16	10
55507098	21		15	21	10
55507099	28		20	28	10
55507100	34		25.5	34	10
55507101	42		32	42	10
55507102	54		43.5	54	10
SILVYN® REC					
55507040	10	3.0 - 7.0		10	10
55507041	13	3.0 - 7.0		13	10
55507042	16	3.0 - 11.0		16	10
55507043	21	3.0 - 15.0		21	10
55507044	28	3.0 - 21.0		28	10
55507045	34	3.0 - 25.0		34	10
55507046	42	5.0 - 34.0		42	10
55507047	54	5.0 - 46.0		54	10

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





Benefits

- Dimensionally stable
- Flexible
- 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

Norm references / Approvals

- UL FILENUMBER E308201

Product Make-up

- Thick-walled corrugated polyamide 6 conduit

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001175 ETIM 5.0/6.0 Class-Description: Corrugated plastic hose
	On request Available in PA 12
	Colour delivered Grey (RAL 7001) Black (RAL 9005), UV-resistant
	Material PA 6 Halogen-free Fire behaviour according to UL 94 HB
	Temperature range -40°C to +115°C short-term +150°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® AFG-PA/AFW-PA	PU ring (m)
SILVYN® MAXI PA grey					
61791150	70	66.5 x 79.2	170	70	10
61791160	95	91.0 x 106.0	225	95	10
SILVYN® MAXI PA black					
61791155	70	66.5 x 79.2	170	70	10
61791165	95	91.0 x 106.0	225	95	10

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

Accessories

- SILVYN® AFG-PA refer to page 860
- SILVYN® AFW-PA refer to page 860



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



SILVYN® AFG-PA



SILVYN® gasket AFG-PA / AFW-PA



SILVYN® AFW-PA

Benefits

SILVYN® AFG-PA

- Tear-resistant connection
- Secure conduit insertion

SILVYN® gasket AFG-PA / AFW-PA

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

SILVYN® AFW-PA

- Tear-resistant connection
- Secure conduit insertion

Application range

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

Product Make-up

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® 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

Suitable conduits

- SILVYN® MAXI PA Page 859

Technical data



Classification ETIM 5/6

SILVYN® AFG-PA

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose

SILVYN® gasket AFG-PA / AFW-PA

ETIM 5.0/6.0 Class-ID: EC000781

SILVYN® AFW-PA

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose



Colour delivered

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



Material

PA6
Halogen-free



Protection rating

IP 54
IP 65 with AFG-PA/AFW-PA seal



Temperature range

-40 °C to +115 °C

Article number	Nominal size	Pieces / PU
SILVYN® AFG-PA grey		
55001080	70	1
55001081	95	1
SILVYN® AFG-PA black		
55001085	70	1
55001086	95	1
SILVYN® seal for AFG-PA, AFW-PA		
55001082	70	1
55001083	95	1
SILVYN® AFW-PA 90° grey		
55001090	70	1
55001091	95	1
SILVYN® AFW-PA 90° black		
55001093	70	1
55001092	95	1

Photographs and graphics 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 860

SILVYN® gasket AFG-PA / AFW-PA

- SILVYN® AFG-PA refer to page 860
- SILVYN® AFW-PA refer to page 860

SILVYN® AFW-PA

- SILVYN® gasket AFG-PA / AFW-PA refer to page 860



SILVYN® SPLIT



Info

- Subsequent cable protection

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001175
ETIM 5.0/6.0 Class-Description:
Corrugated plastic hose



On request

Polyamide 12 version (highly flexible)
ETFE version (high-temperature
resistant up to +200°C)



Colour delivered

Black (RAL 9005), UV-resistant



Material

Polyamide 6 (PA6)
Polypropylene (PP)



Protection rating

IP 43 with SILVYN® SPLIT COV



Temperature range

PA6 : -40°C to +120°C
PP : -40°C to +135°C
PP UV: -40°C to +105°C



Benefits

- Dimensionally stable
- Flexible
- Crush-resistant
- Low rodent-protection
- 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-free (PA6)
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals
- Very good UV- and Weathering performance (SILVYN® SPLIT PP UV)

Product Make-up

- Divisible corrugated conduit

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® COV	PU (m)
SILVYN® SPLIT PA6					
61806621	6	6.3 x 10.0	15		50
61806620	10	8.8 x 13.5	15	M 16/PG9	50
61806631	11	11.0 x 16.1	15		50
61806630	14	13.2 x 18.7	15	M 20/PG 13,5	50
61806641	16	16.0 x 21.5	20		50
61806640	20	20.2 x 25.7	25	M 25/PG21	50
61806650	23	23.9 x 31.3	35	M 32/PG29	50
61806651	29	27.3 x 35.5	35		25
61806660	37	32.5 x 43.2	40	M 40/PG29	25
61806670	45	43.1 x 54.2	70	M 50	25
61806671	70	67.0 x 79.8	95		10
61806672	100	87.5 x 102.5	100		10
SILVYN® SPLIT PP					
61806615	6	6.3 x 10.0	15		50
61806625	10	8.4 x 13.4	15	M 16/PG9	50
61806616	11	11.0 x 16.1	15		50
61806635	14	12.5 x 18.5	15	M 20/PG 13,5	50
61806617	16	16.0 x 21.5	20		50
61806645	20	19.2 x 25.3	20	M 25/PG21	50
61806655	23	23.4 x 30.8	45	M 32/PG29	50
61806618	29	27.3 x 35.5	50		25
61806665	37	31.0 x 41.4	60	M 40/PG29	25
61806675	45	42.7 x 54.0	75	M 50	25
61806619	70	67.5 x 79.8	95		10
61806622	100	87.5 x 102.5	100		10
SILVYN® SPLIT PP UV					
61806100	6	6.3 x 10.0	15		50
61806110	10	8.4 x 13.4	15	M 16/PG9	50
61806120	11	11.0 x 16.1	15		50
61806130	14	12.5 x 18.5	15	M 20/PG 13,5	50
61806140	16	16.0 x 21.5	20		50
61806150	20	19.2 x 25.3	20	M 25/PG21	50
61806160	23	23.4 x 30.8	45	M 32/PG29	50
61806170	29	27.3 x 35.5	50		25
61806180	37	31.0 x 41.4	60	M 40/PG29	25
61806190	45	42.7 x 54.0	75	M 50	25
61806200	70	67.5 x 79.8	95		10
61806210	100	87.5 x 102.5	100		10

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

Similar products

- Sinus-shaped slit

Accessories

- SILVYN® SPLIT COV-M refer to page 862
- SILVYN® SPLIT GMP-M refer to page 862
- SILVYN® SPLIT COS refer to page 862
- Spare tool Cable - Eater refer to page 1000



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



SILVYN® SPLIT COV-M



SILVYN® SPLIT GMP-M



SILVYN® SPLIT COS

Benefits

SILVYN® SPLIT COV-M

- Fast and easy assembly
- Subsequent mountable conduit insertion

SILVYN® SPLIT GMP-M

- Fast assembly
- Easy to disassemble

SILVYN® SPLIT COS

- Fast assembly
- Easy to disassemble
- High tensile strength
- Conduit retained by rib
- No loose parts

Application range

SILVYN® SPLIT COV-M

- 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-M

- Divisible counter nut with metric thread

SILVYN® SPLIT COS

- One-piece conduit holder

Note

- UV-resistant and weather-resistant

Suitable conduits

- SILVYN® SPLIT Page 861

Technical data



Classification ETIM 5/6

SILVYN® SPLIT COV-M

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose

SILVYN® SPLIT GMP-M

ETIM 5.0/6.0 Class-ID: EC001176
ETIM 5.0/6.0 Class-Description: Screw connection for corrugated plastic hose

SILVYN® SPLIT COS

ETIM 5.0/6.0 Class-ID: EC001171
ETIM 5.0/6.0 Class-Description: Holder for protective hose



Colour delivered

Black (RAL 9005), UV-resistant



Material

Halogen-free PA



Temperature range

-40°C to +120°C

Article number	Nominal size	Metric size	Hole Ø (mm)	Suitable for SILVYN® SPLIT	Pieces / PU
SILVYN® SPLIT COV-M (counter nut not included)					
61806680		16 x 1.5		10	100
61806681		20 x 1.5		14	100
61806682		25 x 1.5		20	50
61806683		32 x 1.5		23	50
61806684		40 x 1.5		37	25
61806685		50 x 1.5		45	25
SILVYN® SPLIT GMP-M (metric counter nut)					
61806686		16 x 1.5			100
61806687		20 x 1.5			100
61806688		25 x 1.5			50
61806689		32 x 1.5			50
61806691		40 x 1.5			25
61806692		50 x 1.5			25
SILVYN® SPLIT COS					
61806693	6		M3	6	100
61806690	10		M3	10	100
61806676	10		M5	10	100
61806694	11		M3	11	100
61806700	14		M3	14	100
61806677	14		M5	14	50
61806695	16		M5	16	50
61806696	16		M6	16	50
61806710	20		M5	20	50
61806678	20		M6	20	50
61806720	23		M5	23	50
61806679	23		M6	23	50
61806697	29		M5	29	50
61806698	29		M6	29	50
61806730	37		M6	37	20
61806740	45		M6	45	20
61806699	70		M6	70	10

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



SILVYN® SINUS PA6



Info

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



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

Product Make-up

- Fine-profile corrugated polyamide 6 conduit with sinusoidal slit

Note

- On request also available made of Polypropylene (PP)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001175
ETIM 5.0/6.0 Class-Description:
Corrugated plastic hose



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	ID x OD mm	Suitable for SILVYN® holder	PU ring (m)
SILVYN® RILL PA6 SINUS			
61806550	6,7 x 10,0	FCL 10 / 5550 6905	50
61806555	8,4 x 11,4		50
61806560	9,9 x 13,0	FCL 13 / 5550 6915	50
61806565	12,2 x 15,7	FCL 16 / 5550 6925	50
61806570	16,6 x 21,2	FCL 21 / 5550 6935	50
61806575	21,3 x 25,4	FCL 25 / 5550 7415	50
61806580	23,2 x 28,3	FCL 28 / 5550 6945	50

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

Similar products

- SILVYN® SPLIT refer to page 861

Accessories

- SILVYN® SPLIT GMP-M refer to page 862
- SILVYN® SPLIT COS refer to page 862
- SILVYN® FCL refer to page 856
- STKP tool of the cable eater serves as an insertion tool



SILVYN® AS



Benefits

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

Application range

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

Norm references / Approvals

- VDE
- DIN 49012, complies with design G according to DIN EN IEC 61386-23
- In EX-area according to EN 1127-1

Product Make-up

- Helically-wound metal protective conduit with interlocked profile

Note

- PU = 10m (on request)

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose

Certifications
IEC EN 61386-23

Material
Galvanized steel

Temperature range
Up to +220°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US	PU ring (m)
SILVYN® AS							
61802080	10	8.0 x 10.0	28	12 x 1,5	10 x 1,0	7	50
61802090	14	11.0 x 14.0	34	16 x 1,5	12 x 1,5	9	50
61802100	17	14.0 x 17.0	40	20 x 1,5	16 x 1,5	11	50
61802110	19	16.0 x 19.0	45			13,5	50
61802120	21	18.0 x 21.0	50	25 x 1,5	20 x 1,5	16	50
61802130	27	23.0 x 27.0	63	32 x 1,5	25 x 1,5	21	50
61802140	36	31.0 x 36.0	85	40 x 1,5	32 x 1,5	29	25
61802150	45	40.0 x 45.0	100	50 x 1,5	40 x 1,5	36	25
61802170	56	51.0 x 56.0	125	63 x 1,5	50 x 1,5	48	25

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

Similar products

- SILVYN® EDU-AS refer to page 866

Accessories

- SILVYN® MSK-M US refer to page 868
- SILVYN® US-M refer to page 873
- SILVYN® US
- SILVYN® US-AS refer to page 874



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

Norm references / Approvals

- VDE
- DIN 49012, complies with design I according to DIN EN IEC 61386-23
- In EX-area according to EN 1127-1

Product Make-up

- Helically-wound metal protective conduit with interlocked profile
- PVC sheath

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001179 ETIM 5.0/6.0 Class-Description: Protective metallic hose
	Certifications IEC EN 61386-23
	Colour delivered Grey
	Material Inner conduit: steel, galvanised Outer sheath: PVC
	Temperature range -25°C to +80°C Short-term: up to +100°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US	PU ring (m)
SILVYN® AS-P							
64400010	10	7.0 x 10.0	32	12 x 1,5	10 x 1,0	7	50
64400020	14	10.0 x 14.0	40	16 x 1,5	12 x 1,5	9	50
64400030	17	13.0 x 17.0	45	20 x 1,5	16 x 1,5	11	50
64400040	19	15.0 x 19.0	52			13,5	50
64400050	21	17.0 x 21.0	58	25 x 1,5	20 x 1,5	16	50
64400060	27	22.0 x 27.0	72	32 x 1,5	25 x 1,5	21	50
64400070	36	29.0 x 36.0	98	40 x 1,5	32 x 1,5	29	25
64400080	45	38.0 x 45.0	118	50 x 1,5	40 x 1,5	36	25
64400090	56	49.0 x 56.0	140	63 x 1,5	50 x 1,5	48	25
SILVYN® AS-P 10 M							
64400100	10	7.0 x 10.0	32	12 x 1,5	10 x 1,0	7	10
64400110	14	10.0 x 14.0	40	16 x 1,5	12 x 1,5	9	10
64400120	17	13.0 x 17.0	45	20 x 1,5	16 x 1,5	11	10
64400130	19	15.0 x 19.0	52			13,5	10
64400140	21	17.0 x 21.0	58	25 x 1,5	20 x 1,5	16	10
64400150	27	22.0 x 27.0	72	32 x 1,5	25 x 1,5	21	10
64400160	36	29.0 x 36.0	98	40 x 1,5	32 x 1,5	29	10
64400170	45	38.0 x 45.0	118	50 x 1,5	40 x 1,5	36	10
64400180	56	49.0 x 56.0	140	63 x 1,5	50 x 1,5	48	10

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

Accessories

- SILVYN® MSK-M US refer to page 868
- SILVYN® US-M refer to page 873
- SILVYN® US
- SILVYN® US-EDU-AS refer to page 874



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

Norm references / Approvals

- VDE
- DIN 49012, complies with design K according to DIN EN IEC 61386-23
- In EX-area according to EN 1127-1

Product Make-up

- Helically-wound metal protective conduit with interlocked profile
- Galvanised steel wire braiding

Note

- PU = 10m (on request)

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose

Certifications
IEC EN 61386-23

Material
Galvanized steel
Braiding: galvanized steel wire

Temperature range
Up to +220°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US	PU ring (m)
SILVYN® EDU-AS							
61802380	10	7.0 x 10.0	28	12 x 1,5	10 x 1,0	7	50
61802390	14	10.0 x 14.0	34	16 x 1,5	12 x 1,5	9	50
61802400	17	13.0 x 17.0	40	20 x 1,5	16 x 1,5	11	50
61802410	19	15.0 x 19.0	45			13,5	50
61802420	21	17.0 x 21.0	50	25 x 1,5	20 x 1,5	16	50
61802430	27	22.0 x 27.0	63	32 x 1,5	25 x 1,5	21	50
61802440	36	29.0 x 36.0	85	40 x 1,5	32 x 1,5	29	25
61802450	45	38.0 x 45.0	100	50 x 1,5	40 x 1,5	36	25
61802470	56	49.0 x 56.0	135	63 x 1,5	50 x 1,5	48	25

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

Accessories

- SILVYN® MSK-M US refer to page 868
- SILVYN® US-M refer to page 873
- SILVYN® US
- SILVYN® US-EDU-AS refer to page 874
- SILVYN® US-MS-DR refer to page 874



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 EN 50289-1-6, a screening factor from 30 MHz up to 80 dB can be reached.

Product Make-up

- Helically-wound metal protective conduit with interlocked profile
- Tinned-copper braiding

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose

Certifications
IEC EN 61386-23

Material
Inner conduit: galvanized steel
Braiding: tinned copper wire

Temperature range
-50°C to +250°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® MSK-M	Suitable for SILVYN® US-M	Suitable for SILVYN® US	PU ring (m)
SILVYN® EMC AS-CU							
64400500	10	7.0 x 10.0	28	12 x 1,5	10 x 1,0	7	50
64400501	14	10.0 x 14.0	34	16 x 1,5	12 x 1,5	9	50
64400502	17	13.0 x 17.0	40	20 x 1,5	16 x 1,5	11	50
64400504	21	17.0 x 21.0	50	25 x 1,5	20 x 1,5	16	50
64400505	27	22.0 x 27.0	63	32 x 1,5	25 x 1,5	21	50
64400506	36	29.0 x 36.0	85	40 x 1,5	32 x 1,5	29	25
64400507	45	38.0 x 45.0	100	50 x 1,5	40 x 1,5	36	25
64400508	56	49.0 x 56.0	135	63 x 1,5	50 x 1,5	48	25

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

Accessories

- 3M Scotch™ 1183 screening tape refer to page 992
- SILVYN® MSK-M US refer to page 868
- SILVYN® US-M refer to page 873
- SILVYN® US
- SILVYN® US-EDU-AS refer to page 874
- SILVYN® US-MS-DR refer to page 874



SILVYN® MSK-M US



Info

- Integrated SKINTOP® cable strain relief



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/AS-P/EDU-AS/EMC AS-CU
- 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®

Product Make-up

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

Note

- For suitable accessories, refer to SKINTOP® metric accessories

Suitable conduits

- SILVYN® AS Page 864
- SILVYN® AS-P Page 865
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



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® AS-P



Temperature range

-30°C to +100°C

Article number	Metric size	Clamping range in mm	Clear opening (mm)	Suitable for conduit Ø (mm)	Pieces / PU
SILVYN® MSK-M for SILVYN® AS					
55506080	12 x 1.5	3.0 - 7.0	6.3	10	5
55506081	16 x 1.5	4.5 - 10.0	9	14	5
55506082	20 x 1.5	7.0 - 13.0	11.5	17	5
55506083	25 x 1.5	9.0 - 17.0	14.5	21	5
55506084	32 x 1.5	11.0 - 21.0	19.5	27	5
55506085	40 x 1.5	19.0 - 28.0	26.5	36	1
55506086	50 x 1.5	27.0 - 35.0	36	45	1
55506087	63 x 1.5	34.0 - 45.0	45.5	56	1
SILVYN® MSK-M for SILVYN® AS-P / EDU-AS / EMC AS-CU					
55506090	12 x 1.5	3.0 - 7.0	6.3	10	5
55506091	16 x 1.5	4.5 - 10.0	9	14	5
55506092	20 x 1.5	7.0 - 13.0	11.5	17	5
55506093	25 x 1.5	9.0 - 17.0	14.5	21	5
55506094	32 x 1.5	11.0 - 21.0	19.5	27	5
55506095	40 x 1.5	19.0 - 28.0	26.5	36	1
55506096	50 x 1.5	27.0 - 35.0	36	45	1
55506097	63 x 1.5	34.0 - 45.0	45.5	56	1
SILVYN® MSK-SC-M for SILVYN® AS					
55506110	12 x 1.5	3.0 - 7.0	6.3	10	5
55506111	16 x 1.5	4.5 - 10.0	9	14	5
55506112	20 x 1.5	7.0 - 13.0	11.5	17	5
55506113	25 x 1.5	9.0 - 17.0	14.5	21	5
55506114	32 x 1.5	11.0 - 21.0	19.5	27	5
55506115	40 x 1.5	19.0 - 28.0	26.5	36	1
55506116	50 x 1.5	27.0 - 35.0	36	45	1
SILVYN® MSK-SC-M for SILVYN® AS-P / EDU-AS / EMC AS-CU					
55506120	12 x 1.5	3.0 - 7.0	6.3	10	5
55506121	16 x 1.5	4.5 - 10.0	9	14	5
55506122	20 x 1.5	7.0 - 13.0	11.5	17	5
55506123	25 x 1.5	9.0 - 17.0	14.5	21	5
55506124	32 x 1.5	11.0 - 21.0	19.5	27	5
55506125	40 x 1.5	19.0 - 28.0	26.5	36	1
55506126	50 x 1.5	27.0 - 35.0	36	45	1

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

Similar products

- SILVYN® MSK-U-M refer to page 872

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® DIX-DV refer to page 715



SILVYN® MSK-M BRUSH



Info

- Conduit gland with the innovative BRUSH solution
- Optimum 360° screen contact



Benefits

- Easy installation
- Faster, easier screen contact
- Optimum cable and conduit strain relief
- Maximum cable sealing
- Wide clamping range

Application range

- Mechanical engineering
- Plant engineering
- Heavy industry
- In EMC-sensitive environments

Product features

- Combination of SILVYN® and SKINTOP®

Note

- For suitable accessories, refer to SKINTOP® metric accessories

Suitable conduits

- SILVYN® AS Page 864
- SILVYN® AS-P Page 865
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

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



Protection rating

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



Temperature range

-30°C to +100°C

Article number	Metric size	Clamping range in mm	Clear opening (mm)	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN® MSK-M BRUSH for SILVYN® AS					
55506020	25 x 1.5	9.0 - 17.0	14.5	21	10
55506021	32 x 1.5	11.0 - 21.0	19.5	27	1
55506022	40 x 1.5	19.0 - 28.0	26.5	36	1
55506023	50 x 1.5	27.0 - 35.0	36	45	1
55506024	63 x 1.5	34.0 - 45.0	45.5	56	1
SILVYN® MSK-M BRUSH for SILVYN® AS-P / EDU-AS / EMC AS-CU					
55506025	25 x 1.5	9.0 - 17.0	14.5	21	10
55506026	32 x 1.5	11.0 - 21.0	19.5	27	1
55506027	40 x 1.5	19.0 - 28.0	26.5	36	1
55506028	50 x 1.5	27.0 - 35.0	36	45	1
55506029	63 x 1.5	34.0 - 45.0	45.5	56	1

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® DIX-DV refer to page 715



SILVYN® MSK-M ATEX



Info

- IECEx approval worldwide

Benefits

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

Application range

- Devices, machines and apparatus of enhanced safety protection type „e“, dust ignition proof „t“
- Chemical and petrochemical industry
- Plant engineering
- Used in areas where cables and wires need additional mechanical protection

Product features

- Combination of SILVYN® and SKINTOP®

Note

- To be used in Ex environment only in combination with metal conduits without a plastic jacket

Suitable conduits

- SILVYN® AS Page 864
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Certifications

SILVYN® MSK-M 16x1,5 AS ATEX
IBExU06ATEX1012X
II 2G EEx ell
II 1D EEx ell
CE 0637 Ex II 2G
Ex eb IIC Ex II 1D
Ex ta IIIC
IECEx IBE 13.0033X



Material

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

Tests

DIN EN 60079-0
DIN EN 60079-7
DIN EN 60079-31



Protection rating

Cable: IP 68
Conduit:
IP 40 with SILVYN® AS, EDU-AS, EMC AS-CU



Temperature range

-30°C to +90°C

Article number	Metric size	Clamping range in mm	Clear opening (mm)	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN® MSK-M ATEX for SILVYN® AS					
55506010	12 x 1.5	3.0 - 7.0	6.3	10	5
55506011	16 x 1.5	4.5 - 10.0	9	14	5
55506012	20 x 1.5	7.0 - 13.0	11.5	17	5
55506013	25 x 1.5	9.0 - 17.0	14.5	21	5
55506014	32 x 1.5	11.0 - 21.0	19.5	27	5
55506015	40 x 1.5	19.0 - 28.0	26.5	36	1
55506016	50 x 1.5	27.0 - 35.0	36	45	1
55506017	63 x 1.5	34.0 - 45.0	45.5	56	1
SILVYN® MSK-M ATEX for SILVYN® EDU-AS / EMC AS-CU					
55506018	12 x 1.5	3.0 - 7.0	6.3	10	5
55506019	16 x 1.5	4.5 - 10.0	9	14	5
55506036	20 x 1.5	7.0 - 13.0	11.5	17	5
55506037	25 x 1.5	9.0 - 17.0	14.5	21	5
55506038	32 x 1.5	11.0 - 21.0	19.5	27	5
55506039	40 x 1.5	19.0 - 28.0	26.5	36	1
55506040	50 x 1.5	27.0 - 35.0	36	45	1
55506041	63 x 1.5	34.0 - 45.0	45.5	56	1

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINMATIC® MH Set refer to page 809



SILVYN® MSK-M ATEX BRUSH



Info

- IECEx approval worldwide
- Optimum 360° screen contact



Benefits

- Easy installation
- Faster, easier screen contact
- Optimum cable and conduit strain relief
- Maximum cable sealing
- Wide clamping range

Application range

- Devices, machines and apparatus of enhanced safety protection type „e“, dust ignition proof „t“
- Chemical and petrochemical industry
- Plant engineering
- Used in areas where cables and wires need additional mechanical protection

Product features

- Combination of SILVYN® and SKINTOP®

Product Make-up

- SILVYN® conduit connection via inner sleeve and cap nut
- Metric connection thread acc. to DIN EN 60423

Note

- To be used in Ex environment only in combination with metal conduits without a plastic jacket

Suitable conduits

- SILVYN® AS Page 864
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Certifications CE 0637 Ex II 2G Ex eb IIC Ex II 1D Ex ta IIIC IECEx IBE 13.0033X
	Material Basis type: Body: nickel-plated brass Conduit connector seal: CR/NBR Tube seal: TPE EMC brush: brass
	Tests DIN EN 60079-0 DIN EN 60079-7 DIN EN 60079-31
	Protection rating Cable: IP 68 Conduit: IP 40 with SILVYN® AS, EDU-AS, EMC AS-CU
	Temperature range -30°C to +90°C

Article number	Metric size	Clamping range in mm	Clear opening (mm)	Suitable for conduit OØ (mm)	Pieces / PU
SILVYN® MSK-M ATEX BRUSH for SILVYN® AS					
55506042	25 x 1.5	9.0 - 17.0	14.5	21	10
55506043	32 x 1.5	11.0 - 21.0	19.5	27	1
55506044	40 x 1.5	19.0 - 28.0	26.5	36	1
55506045	50 x 1.5	27.0 - 35.0	36	45	1
55506030	63 x 1.5	34.0 - 45.0	45.5	56	1
SILVYN® MSK-M ATEX BRUSH for SILVYN® EDU-AS / EMC AS-CU					
55506031	25 x 1.5	9.0 - 17.0	14.5	21	10
55506032	32 x 1.5	11.0 - 21.0	19.5	27	1
55506033	40 x 1.5	19.0 - 28.0	26.5	36	1
55506034	50 x 1.5	27.0 - 35.0	36	45	1
55506035	63 x 1.5	34.0 - 45.0	45.5	56	1

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINMATIC® MH Set refer to page 809



SILVYN® MSK-U-M

Universal metric threaded coupler with integrated cable strain relief, for use with conduit fittings



Info

- Integrated SKINTOP® cable strain relief

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 metric threaded conduit fittings
- Used in areas where cables and wires need to be provided with strain relief and additional sealing

Product features

- Combination of SILVYN® and SKINTOP®

Note

- For suitable accessories, refer to SKINTOP® metric accessories

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Note

On request: size M40, M50, M63



Material

Body: nickel-plated brass
Insert: Polyamide
Sealing ring: CR/NBR
O-ring: NBR



Protection rating

Cable: IP 68
Conduit: depending on the used conduit system



Temperature range

Fixed: -40°C up to +100°C
Dynamic: -25°C up to + 100°C

Article number	Metric size	Clamping range in mm	Suitable gland size	Pieces / PU
SILVYN® MSK-U-M				
55506129	12 x 1.5	3.5 - 7.0	M 12 x 1,5	5
55506130	16 x 1.5	4.5 - 10.0	M 16 x 1,5	5
55506131	20 x 1.5	7.0 - 13.0	M 20 x 1,5	5
55506132	25 x 1.5	9.0 - 17.0	M 25 x 1,5	5
55506133	32 x 1.5	11.0 - 21.0	M 32 x 1,5	5

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® DIX-DV refer to page 715





SILVYN® US-M



Benefits

- High tensile strength
- Space-saving
- Vibration protection
- All-purpose
- Fast and easy assembly

Application range

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

Product features

- Compact design

Product Make-up

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® AS Page 864
- SILVYN® AS-P Page 865
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data

ETIM	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
Material	Body: nickel-plated brass Sealing ring: TPE
IP	Protection rating IP 40 (with SILVYN® AS, EDU-AS and EMC AS-CU) IP 65 (with SILVYN® AS-P)
Temperature range	-40°C to +125°C

Article number	Metric size	Clear opening (mm)	Suitable conduit nominal size	Pieces / PU
SILVYN® US-M for SILVYN® AS				
55502611	10 x 1.0	6.5	10	50
55502612	12 x 1.5	9	14	50
55502613	16 x 1.5	12.5	17	50
55502614	20 x 1.5	16	21	50
55502615	25 x 1.5	21	27	25
55502616	32 x 1.5	27.5	36	25
55502617	40 x 1.5	35	45	20
55502618	50 x 1.5	45	56	10
55502619	63 x 1.5	45	56	10
SILVYN® US-M for SILVYN® AS-P				
55502621	10 x 1.0	6	10	50
55502622	12 x 1.5	8.5	14	50
55502623	16 x 1.5	11.5	17	50
55502624	20 x 1.5	15.5	21	50
55502625	25 x 1.5	20.5	27	25
55502626	32 x 1.5	27.5	36	25
55502627	40 x 1.5	35	45	20
55502628	50 x 1.5	45	56	10
55502629	63 x 1.5	45	56	10
SILVYN® US-M for SILVYN® EDU-AS / EMC AS-CU				
55502631	10 x 1.0	6	10	50
55502642	12 x 1.5	8.5	14	50
55502633	16 x 1.5	11	17	50
55502634	20 x 1.5	15.5	21	50
55502636	25 x 1.5	20.5	27	25
55502646	32 x 1.5	27.5	36	25
55502638	40 x 1.5	35	45	20
55502639	50 x 1.5	45	56	10
55502641	63 x 1.5	45	56	10

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

Similar products

- SILVYN® MSK-M EE refer to page 828
- SILVYN® MSK-M FPS-EDU refer to page 829
- SILVYN® MSK-M US refer to page 868

Accessories

- SKINDICHT® SM-M refer to page 742



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



SILVYN® US-AS



SILVYN® US-EDU-AS



SILVYN® US-MS-DR

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

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® 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

Product Make-up

SILVYN® US-AS

- Threaded sleeve

SILVYN® US-EDU-AS

- Threaded sleeve

Suitable conduits

SILVYN® US-AS

- SILVYN® AS Page 864

SILVYN® US-EDU-AS

- SILVYN® AS-P Page 865
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

SILVYN® US-MS-DR

- SILVYN® FPS-EDU Page 826
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data



Classification ETIM 5/6

SILVYN® US-AS

ETIM 5.0/6.0 Class-ID: EC000519

ETIM 5.0/6.0 Class-Description:

Terminal sleeve for protective hose

SILVYN® US-EDU-AS

ETIM 5.0/6.0 Class-ID: EC000519

ETIM 5.0/6.0 Class-Description:

Terminal sleeve for protective hose



Material

SILVYN® US-AS

Nickel-plated brass

SILVYN® US-EDU-AS

Brass

SILVYN® US-MS-DR

Brass



Temperature range

-40 °C to +250 °C

Article number	Nominal size	Suitable conduit nominal size	Pieces / PU
SILVYN® US-AS for SILVYN® AS			
61802180	10	10	50
61802190	14	14	50
61802200	17	17	50
61802210	19	19	50
61802220	21	21	50
61802230	27	27	25
61802240	36	36	25
61802250	45	45	20
61802270	56	56	10
SILVYN® US-EDU-AS for SILVYN® AS-P / EDU-AS / EMC AS-CU			
61802480	10	10	50
61802490	14	14	50
61802500	17	17	50
61802510	19	19	50
61802520	21	21	50
61802530	27	27	25
61802540	36	36	25
61802550	45	45	20
61802570	56	56	10
SILVYN® US-MS-DR for SILVYN® US-AS/US-EDU-AS			
61808168	10	10	50
61808169	14	14	50
61808170	17	17	50
61808180	19	19	50
61808190	21	21	50
61808200	27	27	25
61808201	36	36	25
61808202	45	45	20
61808204	56	56	10

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



SILVYN® SSU / SILVYN® SSUE



Benefits

SILVYN® SSU

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

SILVYN® SSUE

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

Application range

SILVYN® SSU

- Measuring technology
- Plant engineering
- Applications with high mechanical stress

SILVYN® SSUE

- Offshore applications
- Measuring technology
- Plant engineering
- In damp interiors or outdoors
- Applications with high mechanical stress

Product features

- Inherent Low Fire Hazard

Product Make-up

- Helically-wound metal protective conduit with interlocked profile

Note

- SILVYN® SSU 10 with double-interlocked profile
SILVYN® SSUE 10 + 12 with double-interlocked profile

Technical data



Classification ETIM 5/6

SILVYN® SSUE

ETIM 5.0/6.0 Class-ID: EC001179

ETIM 5.0/6.0 Class-Description:
Protective metallic hose



Certifications

IEC EN 61386-23



Material

SILVYN® SSU

Galvanized steel

SILVYN® SSUE

Stainless steel AISI 316

DW Nr. 1.4404



Temperature range

SILVYN® SSU

-100°C to +300°C

SILVYN® SSUE

-100°C to +400°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® LGEF-M/LGES-M	PU ring (m)
SILVYN® SSU - Galvanized steel - 10 meter					
61804635	16	13.0 x 16.0	40	M16x1,5 + M20x1,5	10
61804636	20	16.9 x 20.5	45	M 20 x 1,5	10
61804637	25	21.1 x 25.0	55	M 25 x 1,5	10
61804638	32	28.1 x 32.0	60	M 32 x 1,5	10
61804639	40	37.6 x 42.5	80	M 40 x 1,5	10
61804640	50	48.4 x 53.0	90	M 50 x 1,5	10
61804629	63	57.5 x 62.5	115	M 63 x 1,5	10
61804630	75	70.0 x 77.0	150	M 75 x 1,5	10
SILVYN® SSU - Galvanized steel - 25 meter					
61804631	10	6.8 x 9.0	25	M 12 x 1,5	25
61804632	12	10.2 x 13.0	30	M 16 x 1,5	25
61804633	16	13.0 x 16.0	40	M16x1,5 + M20x1,5	25
61804634	20	16.9 x 20.5	45	M 20 x 1,5	25
61804614	25	21.1 x 25.0	55	M 25 x 1,5	25
61804626	32	28.1 x 32.0	60	M 32 x 1,5	25
61804627	40	37.6 x 42.5	80	M 40 x 1,5	25
61804628	50	48.4 x 53.0	90	M 50 x 1,5	25
SILVYN® SSU - Galvanized steel - 50 meter					
61804615	10	6.8 x 9.0	25	M 12 x 1,5	50
61804623	12	10.2 x 13.0	30	M 16 x 1,5	50
61804624	16	13.0 x 16.0	40	M16x1,5 + M20x1,5	50
61804625	20	16.9 x 20.5	45	M 20 x 1,5	50
SILVYN® SSUE - stainless steel					
61804600	10	6,8 x 9,1	25	M 12 x 1,5	25
61804601	12	10.0 x 12,3	30	M 16 x 1,5/1	25
61804602	16	12,9 x 16,4	40	M 16 x 1,5/2	25
61804603	20	16,9 x 20,4	45	M 20 x 1,5	25
61804604	25	20,9 x 24,3	55	M 25 x 1,5	25
61804605	32	27,8 x 31,7	70	M 32 x 1,5	25
61804612	40	37,3 x 42,1	80	M 40 x 1,5	10
61804613	50	48.0 x 52,8	90	M 50 x 1,5	10

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

Similar products

SILVYN® SSU

- SILVYN® AS refer to page 864

Accessories

- SILVYN® LGEF-M refer to page 876
- SILVYN® LGES-M refer to page 877
- SILVYN® LGEP refer to page 878



SILVYN® LGEF-M



Benefits

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

Application range

- In combination with protective conduit:
- SILVYN® SSU / SSUE
- Applications with high mechanical stress

Product Make-up

- Metric connection thread
- Hexagonal collar
- Cap nut

Suitable conduits

- SILVYN® SSU Page 875
- SILVYN® SSUE Page 875

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Certifications

IEC EN 61386-23



Material

Nickel-plated brass
Stainless steel AISI 316



Protection rating

IP 40



Temperature range

-100 °C to +400 °C

Article number	Metric size	SW wrench size mm	Overall length mm	Thread length mm	Suitable for SILVYN® SSU / SSUE	Pieces / PU
SILVYN® LGEF-M (Nickel plated brass)						
55503168	12 x 1.5	13	21	7	10	10
55503169	16 x 1.5	17	23	10	12	10
55503170	16 x 1.5	20	25	10	16	10
55503171	20 x 1.5	22	25	10	16	10
55503172	20 x 1.5	24	26.3	10	20	10
55503173	25 x 1.5	29	29.5	10	25	10
55503174	32 x 1.5	36	36.8	13	32	2
55503175	40 x 1.5	48	39	14	40	2
55503176	50 x 1.5	58	42	15	50	1
55503177	63 x 1.5	70	50	18	63	1
55503178	75 x 1.5	84	60	20	75	1
SILVYN® LGEF-M (Stainless steel)						
55503200	12 x 1.5	14	21	7	10	1
55503201	16 x 1.5	19	23	10	12	1
55503202	16 x 1.5	19	25	10	16	1
55503203	20 x 1.5	24	26.3	10	20	1
55503204	25 x 1.5	29	29.5	10	25	1
55503205	32 x 1.5	38	36.8	13	32	1
55503206	40 x 1.5	48	39	14	40	1
55503207	50 x 1.5	58	42	15	50	1

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





SILVYN® LGES-M



Info

- Swivelling upper part with integrated inner sleeve



Benefits

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

Application range

- In combination with protective conduit:
- SILVYN® SSU / SSUE
- Applications with high mechanical stress

Product Make-up

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

Suitable conduits

- SILVYN® SSU Page 875
- SILVYN® SSUE Page 875

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Certifications IEC EN 61386-23
	Material Nickel-plated brass Stainless steel AISI 316
	Protection rating IP 40
	Temperature range -100°C to +400°C

Article number	Metric size	SW wrench size mm	Overall length mm	Thread length mm	Suitable for SILVYN® SSU / SSUE	Pieces / PU
SILVYN® LGES-M (Nickel plated brass)						
55503489	12 x 1.5	13	30	8	10	10
55503490	16 x 1.5	17	32.2	8	12	10
55503491	16 x 1.5	20	34.2	10	16	10
55503492	20 x 1.5	22	34.2	10	16	10
55503493	20 x 1.5	24	35.5	10	20	10
55503494	25 x 1.5	29	43.7	12	25	10
55503495	32 x 1.5	37	48	13	32	2
55503496	40 x 1.5	48	51.2	14	40	2
55503497	50 x 1.5	58	54.2	15	50	1
55503498	63 x 1.5	70	63.2	18	63	1
SILVYN® LGES-M (Stainless steel)						
55503210	12 x 1.5	14	30.2	8	10	1
55503211	16 x 1.5	19	35.5	8	12	1
55503212	16 x 1.5	19	35.5	10	16	1
55503213	20 x 1.5	24	38.5	10	20	1
55503214	25 x 1.5	29	41.5	10	25	1
55503215	32 x 1.5	38	49	13	32	1

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



SILVYN® LGEP



Info

- Ensuring cables do not get damaged

Benefits

- Cable damage can be prevented
- High tensile strength
- Space-saving

Application range

- In combination with protective conduit:
- SILVYN® SSU / SSUE
- Conduit end cover
- If no conduit fitting is used
- Applications with high mechanical stress

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180

ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Certifications

IEC EN 61386-23



Material

Nickel-plated brass



Protection rating

IP 40



Temperature range

-50 °C to +300 °C

Article number	Nominal size	Suitable for SILVYN® SSU / SSUE	Pieces / PU
SILVYN® LGEP			
55503179	10	10	10
55503180	12	13	10
55503181	16	16	10
55503182	20	20	10
55503183	25	25	10
55503184	32	32	10
55503185	40	40	4
55503186	50	50	4
55503187	63	63	1
55503188	75	75	1

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





SILVYN® UI 511



Info

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



Benefits

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

Application range

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

Product features

- Stainless steel AISI 304

Product Make-up

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

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose



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	Nominal size	ID x OD mm	Static/dynamic bending radius in mm	PU (m)
SILVYN® UI 511				
61799815	5/16"	9.5 x 12.5	50.0/60.0	30
61799816	3/8"	13.0 x 16.0	65.0/80.0	30
61799817	1/2"	17.0 x 21.0	75.0/100.0	30
61799818	3/4"	22.0 x 26.0	90.0/125.0	30
61799819	1"	26.0 x 30.0	120.0/160.0	30
61799820	1 1/4"	34.0 x 39.0	175.0/220.0	30
61799831	1 1/2"	40.3 x 44.4	230.0/280.0	15
61799822	2"	51.6 x 55.7	285.0/340.0	15

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

Accessories

- SILVYN® UI COMPACT M refer to page 880
- SILVYN® UI 511 Insert set refer to page 881



SILVYN® UI COMPACT M



Info

- Space-saving due to compact dimensions

Benefits

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

Application range

- In combination with protective conduit:
- SILVYN® UI 511

Product Make-up

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

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Material

Stainless steel AISI 304
DW no. 1.4301
Nickel-plated brass



Protection rating

IP 40



Temperature range

-45°C to +105°C (with O-Ring)
-55°C to +260°C (without O-Ring)

Article number	Metric size	Clear opening (mm)	Suitable for SILVYN® UI 511	Pieces / PU
SILVYN® UI COMPACT M (stainless steel)				
61803880	16 x 1.5	9.8	3/8"	1
61803881	20 x 1.5/1	9.8	3/8"	1
61803882	20 x 1.5/2	13.9	1/2"	1
61803883	25 x 1.5	18.5	3/4"	1
61803884	32 x 1.5	22.8	1"	1
61803885	40 x 1.5	30.8	1 1/4"	1
61803886	50 x 1.5	36.8	1 1/2"	1
61803887	63 x 1.5	47.8	2"	1
SILVYN® UI COMPACT M (nickel-plated brass)				
61803870	16 x 1.5/1	6.8	5/16"	1
61803871	16 x 1.5/2	9.8	3/8"	1
61803872	20 x 1.5/1	6.8	5/16"	1
61803873	20 x 1.5/2	9.8	3/8"	1
61803874	20 x 1.5/3	13.9	1/2"	1
61803875	25 x 1.5	18.5	3/4"	1
61803876	32 x 1.5	22.8	1"	1
61803877	40 x 1.5	30.8	1 1/4"	1
61803878	50 x 1.5	36.9	1 1/2"	1
61803879	63 x 1.5	47.9	2"	1

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





SILVYN® UI 511 Insert set



Info

- Ensuring cables do not get damaged



Benefits

- Cable damage can be prevented

Application range

- Conduit end cover
- If no conduit fitting is used
- In combination with protective conduit:
- SILVYN® UI 511

Product features

- All-round collar completely covers the protective conduit end

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000519
ETIM 5.0/6.0 Class-Description:
Terminal sleeve for protective hose



Material

Nickel-plated brass



Temperature range

-55 °C to +260 °C

Article number	Nominal size	Suitable for SILVYN® UI 511	Pieces / PU
SILVYN® UI 511 Insert set			
61798091	5/16"	5/16"	10
61798096	3/8"	3/8"	10
61798097	1/2"	1/2"	10
61798092	3/4"	3/4"	5
61798093	1"	1"	5
61798094	1 1/4"	1 1/4"	2
61798090	1 1/2"	1 1/2"	2
61798095	2"	2"	2

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

**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

Product Make-up

- Helically-wound metal protective conduit with interlocked profile
- PVC sheath

Note

- Upon request: Grey colour

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001179 ETIM 5.0/6.0 Class-Description: Protective metallic hose
	Norm references / Approvals IEC EN 61386-23
	Colour delivered Black (RAL 9005), UV-resistant
	Material Inner conduit: steel, galvanised Outer sheath: PVC
	Temperature range -15°C to +70°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	Suitable for SILVYN® LGF-2-M/LGS-2-M	PU ring (m)
SILVYN® LCC-2					
61804702	10	6.8 x 10.0	25	M12x1,5	30
61804712	12	10.2 x 14.0	40	M16x1,5/1	30
61804722	16	13.0 x 17.0	45	M16x1,5/2 + M20x1,5/1	30
61804732	20	16.9 x 21.5	50	M20x1,5/2	30
61804742	25	21.1 x 26.0	60	M25x1,5	30
61804752	32	28.1 x 34.0	90	M32x1,5	30
61804762	40	37.6 x 44.5	120	M40x1,5	10
61804772	50	48.4 x 55.0	130	M50x1,5	10
61804792	63	57.5 x 64.5	160	M63x1,5	10
61804787	75	70.0 x 79.0	190	M75x1,5	10

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

Similar products

- SILVYN® LCCH-2 refer to page 883

Accessories

- SILVYN® LGF-2-M refer to page 884
- SILVYN® LGS-2-M refer to page 884
- SILVYN® LCG-M refer to page 885
- SILVYN® LCW-M refer to page 885
- SILVYN® LCS-M refer to page 885
- SILVYN® LCC-C refer to page 886
- SILVYN® LCC-E refer to page 887



Info

- Halogen-free



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

Product features

- Halogen-free
- Low smoke
- Low toxicity

Product Make-up

- Helically-wound metal protective conduit with interlocked profile
- Plastic outer sheath

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001179 ETIM 5.0/6.0 Class-Description: Protective metallic hose
	Norm references / Approvals IEC EN 61386-23
	Colour delivered Black (RAL 9005), UV-resistant
	Material Inner conduit: steel, galvanised Outer sheath: plastic, halogen-free Fire behaviour according to UL 94V-0
	Temperature range -25°C to +90°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® LCCH-2				
61804793	12	10.2 x 14.0	40	25
61804794	16	13.0 x 17.0	45	25
61804795	20	16.9 x 21.5	50	25
61804796	25	21.1 x 26.0	60	25
61804797	32	28.1 x 34.0	90	25
61804798	40	37.6 x 44.5	120	10
61804799	50	48.4 x 55.0	130	10
61804788	63	57.5 x 64.5	160	10
61804789	75	70.0 x 79.0	190	10

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

Accessories

- SILVYN® LGF-2-M refer to page 884
- SILVYN® LGS-2-M refer to page 884
- SILVYN® LCG-M refer to page 885
- SILVYN® LCW-M refer to page 885
- SILVYN® LCS-M refer to page 885
- SILVYN® LCC-C refer to page 886
- SILVYN® LCC-E refer to page 887

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

Application range

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

Product Make-up**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

Suitable conduits

- SILVYN® LCC-2 Page 882
- SILVYN® LCCH-2 Page 883

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC001180

ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose

**Norm references / Approvals**

IEC EN 61386-23

**Material**

Nickel-plated brass

**Protection rating**

IP 54

**Temperature range**

-50 °C to +300 °C

Article number	Metric size	SW wrench size mm	Overall length mm	Thread length mm	Suitable for SILVYN® LCC-2 / LCCH-2	Pieces / PU
SILVYN® LGF-2-M						
55501981	12 x 1.5	13	21	8	10	10
55502001	16 x 1.5/1	17	23	8	12	10
55502002	16 x 1.5/2	20	25	10	16	10
55502021	20 x 1.5/1	22	25	10	16	10
55502022	20 x 1.5/2	24	26.3	10	20	10
55502031	25 x 1.5	29	32.5	10	25	10
55502041	32 x 1.5	38	36.8	13	32	10
55502051	40 x 1.5	48	39	14	40	4
55502061	50 x 1.5	58	42	15	50	4
55502071	63 x 1.5	70	50	18	63	1
55502073	75 x 1.5	84	60	20	75	1
SILVYN® LGS-2-M						
55501982	12 x 1.5	13	30.2	8	10	10
55502003	16 x 1.5/1	17	32.2	8	12	10
55502004	16 x 1.5/2	20	34.2	10	16	10
55502023	20 x 1.5/1	22	34.2	10	16	10
55502024	20 x 1.5/2	24	35.5	10	20	10
55502032	25 x 1.5	29	43.7	10	25	10
55502042	32 x 1.5	38	48	13	32	10
55502052	40 x 1.5	48	51.2	14	40	4
55502062	50 x 1.5	58	54.2	15	50	4
55502072	63 x 1.5	70	63.2	18	63	1

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

Accessories

- SKINDICHT® SM-M refer to page 742

SILVYN® LCG-M / SILVYN® LCW-M / SILVYN® LCS-M



SILVYN® LCG-M



SILVYN® LCW-M



SILVYN® LCS-M

Benefits

- High tensile strength
- Vibration protection
- Enhanced sealing

Application range

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

Product Make-up

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

SILVYN® LCS-M

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

Suitable conduits

- SILVYN® LCC-2 Page 882
- SILVYN® LCCH-2 Page 883

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Norm references / Approvals IEC EN 61386-23
	Material Body: nickel-plated brass Seal: PA compression seal
	Protection rating IP 65
	Temperature range -50°C to +135°C

Article number	Metric size	SW 1/2 mm	Overall length mm	Thread length mm	Suitable for SILVYN® LCC-2/LCCH-2	Pieces / PU
SILVYN® LCG-M						
55503220	12 x 1.5	20 / 20	29.8	10	10	10
55503221	16 x 1.5/1	20 / 22	29.8	10	12	10
55503222	16 x 1.5/2	24 / 26	33	12	16	10
55503223	20 x 1.5/1	24 / 26	33	12	16	10
55503224	20 x 1.5/2	26 / 29	33.5	12	20	10
55503225	25 x 1.5	33 / 35	40.5	14	25	10
55503226	32 x 1.5	40 / 42	45.8	15	32	2
55503227	40 x 1.5	56 / 58	47.5	16	40	1
55503228	50 x 1.5	70 / 70	51	16	50	1
SILVYN® LCW-M						
55503234	16 x 1.5/1	20 / 24	31	10	12	10
55503235	16 x 1.5/2	20 / 26	31	10	16	10
55503230	20 x 1.5/1	24 / 26	36	13	16	10
55503231	20 x 1.5/2	24 / 29	37	13	20	10
55503232	25 x 1.5	30 / 35	44	14	25	10
55503233	32 x 1.5	36 / 42	53	15	32	2
SILVYN® LCS-M						
55503470	16 x 1.5/1	20 / 22	39	10	12	10
55503471	16 x 1.5/2	24 / 26	40.9	10	16	10
55503472	20 x 1.5/1	24 / 26	41	10	16	10
55503473	20 x 1.5/2	26 / 29	41.8	10	20	10
55503474	25 x 1.5	33 / 35	50.7	12	25	10
55503475	32 x 1.5	40 / 42	56.9	13	32	2

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

Accessories

- SKINDICHT® SM-M refer to page 742

**SILVYN® LCC-C****Info**

- Connection of two conduits

Benefits

- Optional extension of SILVYN® LCC-2 / LCCH-2
- Fast assembly
- High tensile strength

Application range

- In combination with protective conduit:
- SILVYN® LCC-2 / LCCH-2
- Conduit coupler for extension

Suitable conduits

- SILVYN® LCC-2 Page 882
- SILVYN® LCCH-2 Page 883

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose

**Certifications**

IEC EN 61386-23

**Material**

Nickel-plated brass

**Protection rating**

IP 65

**Temperature range**

-50°C to +135°C

Article number	Nominal size	Suitable for SILVYN® LCC-2/LCCH-2	Pieces / PU
SILVYN® LCC-C			
55503476	16	16	2
55503477	20	20	2
55503478	25	25	2
55503479	32	32	2

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



SILVYN® LCC-E



Info

- Ensuring cables do not get damaged



Benefits

- Cable damage can be prevented

Application range

- Conduit end cover
- If no conduit fitting is used

Product features

- All-round collar completely covers the protective conduit end

Product Make-up

- Threaded sleeve

Suitable conduits

- SILVYN® LCC-2 Page 882
- SILVYN® LCCH-2 Page 883

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000519
ETIM 5.0/6.0 Class-Description:
Terminal sleeve for protective hose



Material

Nickel-plated brass



Temperature range

-50°C to +135°C

Article number	Nominal size	Suitable for SILVYN® LCC-2 / LCCH-2	Pieces / PU
SILVYN® LCC-E			
61805600	10	10	10
61805610	12	12	10
61805620	16	16	10
61805630	20	20	10
61805640	25	25	10
61805650	32	32	10
61805660	40	40	10
61805670	50	50	4
61805680	63	63	1
61805690	75	75	1

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

**SILVYN® HTDL****Benefits**

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

Application range

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

Product Make-up

- 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

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose

Norm references / Approvals
UL 360
NEC 501-4B

Colour delivered
Black

Material
Metal with PVC-compound sheath

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

Article number	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® HTDL				
61814190	3/8"	12.6 x 17.8	85	60
61814200	1/2"	16.1 x 21.1	110	60
61814210	3/4"	21.1 x 26.4	140	45
61814220	1"	26.8 x 33.1	170	30
61814230	1 1/4"	35.4 x 41.8	215	15
61814240	1 1/2"	40.3 x 47.8	250	15
61814250	2"	51.6 x 59.9	300	15

* Trade product, no Lapp product

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

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

Accessories

- SILVYN® COMPACT M refer to page 891
- SILVYN® COMPACT PG
- SILVYN® COMPACT NPT refer to page 892
- SILVYN® LTP-E refer to page 895



SILVYN® EF / SILVYN® OR



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

Product Make-up

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

Note

- PU = 10m (on request)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose



On request

Longer lengths on drums
10m coils are available upon request



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

* Trade product, no Lapp product

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

Accessories

- SILVYN® COMPACT M refer to page 891
- SILVYN® COMPACT PG
- SILVYN® COMPACT NPT refer to page 892
- SILVYN® LTP-E refer to page 895



SILVYN® HCX / SILVYN® HFX



SILVYN® HCX



SILVYN® HFX

Benefits

SILVYN® HCX

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

SILVYN® HFX

- Impact-resistant
- Robust
- Abrasion protection
- High resistance to oil, petrol, acids and greases
- Liquidtight

Application range

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

Product features

SILVYN® HCX

- UV-resistant
- UV-resistant
- Halogen-free and flame-retardant
- High mechanical and chemical resistance

Product Make-up

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 = 10m (on request)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001179

ETIM 5.0/6.0 Class-Description:

Protective metallic hose



On request

Longer lengths on drums

10m 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

-55 °C to +105 °C

Short-term up to +125 °C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® HCX				
61744228	3/8"	12.6 x 17.8	85	30
61744229	1/2"	16.0 x 21.1	110	30
61744230	3/4"	21.0 x 26.4	140	30
61744231	1"	26.5 x 33.1	170	30
61744240	1 1/4"	35.1 x 41.8	215	15
61744242	1 1/2"	40.3 x 47.8	250	15
61744244	2"	51.6 x 59.9	300	15
SILVYN® HFX				
64400200	5/16"	10.1 x 14.4	65	30
64400210	3/8"	12.6 x 17.8	85	30
64400220	1/2"	16.0 x 21.1	110	30
64400230	3/4"	21.0 x 26.4	140	30
64400240	1"	26.5 x 33.1	170	30
64400250	1 1/4"	35.1 x 41.8	215	15
64400251	1 1/2"	40.3 x 47.8	250	15
64400252	2"	51.6 x 59.9	300	15

* Trade product, no Lapp product

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

Accessories

- SILVYN® COMPACT M refer to page 891
- SILVYN® COMPACT PG
- SILVYN® COMPACT NPT refer to page 892
- SILVYN® LTP-E refer to page 895



SILVYN® COMPACT M

Nickel-plated brass fitting with space-saving dimensions in various designs



Info

- Space-saving due to compact dimensions



Benefits

- Space-saving application
- For high mechanical stress
- High tensile strength
- Corrosion-resistant

Application range

- In combination with protective conduit:
- Suitable for SILVYN® HTDL/EF/OR/HCX/HFX
- Mechanical engineering
- Railway applications

Product Make-up

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

Note

- PG threaded versions are to be found in the online catalogue

Suitable conduits

- SILVYN® HTDL Page 888
- SILVYN® EF Page 889
- SILVYN® OR Page 889
- SILVYN® HCX Page 890
- SILVYN® HFX Page 890

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Norm references / Approvals UL 514B
	On request Available in stainless steel
	Material Body: nickel-plated brass Sealing: polyamide O-ring: NBR
	Protection rating IP 66 IP 67
	Temperature range -45°C to +105°C

Article number	Metric size	Suitable for SILVYN® HTDL/EF/OR/HCX/HFX	Suitable for SILVYN® HIPROJACKET	Pieces / PU
SILVYN® COMPACT M				
61803846	16 x 1.5	5/16"		10
61803800	16 x 1.5	3/8"	13	10
61803847	20 x 1.5	5/16"		10
61803801	20 x 1.5	3/8"		10
61803802	20 x 1.5	1/2"	16	10
61803803	25 x 1.5	3/4"	22	5
61803804	32 x 1.5	1"	25	5
61803805	40 x 1.5	1 1/4"	35	5
61803806	50 x 1.5	1 1/2"	38	2
61803807	63 x 1.5	2"	51	2
SILVYN® COMPACT 45° M				
61803848	16 x 1.5	5/16"		10
61803850	16 x 1.5	3/8"	13	10
61803849	20 x 1.5	5/16"		10
61803851	20 x 1.5	3/8"		10
61803852	20 x 1.5	1/2"	16	10
61803853	25 x 1.5	3/4"	22	5
61803854	32 x 1.5	1"	25	5
SILVYN® COMPACT 90° M				
61803808	16 x 1.5	3/8"	13	10
61803809	20 x 1.5	3/8"		10
61803810	20 x 1.5	1/2"	16	10
61803811	25 x 1.5	3/4"	22	5
61803812	32 x 1.5	1"	25	5
61803813	40 x 1.5	1 1/4"	35	5
61803814	50 x 1.5	1 1/2"	38	2
61803815	63 x 1.5	2"	51	2

* Trade product, no Lapp product

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

Accessories

- SKINDICHT® SM-M refer to page 742
- SILVYN® HIPROJACKET Insert set refer to page 898



SILVYN® COMPACT NPT

Nickel-plated brass fitting with space-saving dimensions in various designs



Info

- Space-saving due to compact dimensions

Benefits

- Space-saving application
- For high mechanical stress
- High tensile strength
- Corrosion-resistant

Application range

- In combination with protective conduit:
- Suitable for SILVYN® HTDL/EF/OR/HCX/HFX
- Mechanical engineering
- Railway applications

Product Make-up

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

Suitable conduits

- SILVYN® HTDL Page 888
- SILVYN® EF Page 889
- SILVYN® OR Page 889
- SILVYN® HCX Page 890
- SILVYN® HFX Page 890

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001180
ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Norm references / Approvals

UL 514B



Material

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



Protection rating

IP 67



Temperature range

-45°C to +105°C

Article number	NPT size	Suitable for SILVYN® HTDL/EF/OR/HCX/HFX	Suitable for SILVYN® HIPROJACKET	Pieces / PU
SILVYN® COMPACT NPT				
61803832	1/2"	3/8"	13	10
61803833	1/2"	1/2"	16	10
61803834	3/4"	3/4"	22	5
61803835	1"	1"	25	5
61803836	1 1/4"	1 1/4"	35	2
61803837	1 1/2"	1 1/2"	38	2
61803838	2"	2"	51	2
SILVYN® COMPACT 90° NPT				
61803839	1/2"	3/8"	13	10
61803840	1/2"	1/2"	16	10
61803841	3/4"	3/4"	22	5
61803842	1"	1"	25	5
61803843	1 1/4"	1 1/4"	35	2
61803844	1 1/2"	1 1/2"	38	2
61803845	2"	2"	51	2

* Trade product, no Lapp product

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

Accessories

- SKINDICHT® SM-NPT refer to page 768
- SILVYN® HIPROJACKET Insert set refer to page 898



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

Product Make-up

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

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001179 ETIM 5.0/6.0 Class-Description: Protective metallic hose
	Certifications IEC EN 61386-23
	Colour delivered Black (RAL 9005), UV-resistant
	Material Steel, galvanised PVC sheath
	Temperature range -20°C to +105°C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® LTP				
61805400	10 - 1/4"	7.0 x 11.8	35	50
61805410	12 - 5/16"	10.0 x 14.2	40	50
61805420	16 - 3/8"	12.6 x 17.8	45	50
61805430	20 - 1/2"	16.0 x 21.1	65	50
61805440	25 - 3/4"	21.0 x 26.4	100	25
61805450	32 - 1"	26.5 x 33.1	135	25
61805460	40 - 1 1/4"	35.4 x 41.8	175	10
61805470	50 - 1 1/2"	40.4 x 47.9	230	10
61805480	63 - 2"	51.6 x 59.7	280	10

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

Similar products

- SILVYN® OR refer to page 889

Accessories

- SILVYN® LTPG-M refer to page 894
- SILVYN® LTPS-M refer to page 894
- SILVYN® LTP 45° M refer to page 894
- SILVYN® LTP 90° M refer to page 894

Liquid-tight conduits (metal + jacket) • Metal conduit with thick-walled jacket

**SILVYN® LTPG-M / SILVYN® LTPS-M / SILVYN® LTP 45° M / SILVYN® LTP 90° M****SILVYN® LTPG-M****SILVYN® LTPS-M****SILVYN® LTP 45° M****SILVYN® LTP 90° M****Benefits**

- High tensile strength
- Vibration protection
- High sealing performance

Application range

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

Product Make-up**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® LTP 45° M

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

SILVYN® LTP 90° M

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

Suitable conduits

- SILVYN® LTP Page 893

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC001180

ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose

**Certifications**

IEC EN 61386-23

**Material**Body: nickel-plated brass
Seal: PA compression seal**Protection rating**

IP66

IP67

IP68 (5 bar)

IP69

**Temperature range**

-50°C to +135°C

Article number	Metric size	SW wrench size mm	Thread length mm	Suitable for SILVYN® LTP	Pieces / PU
SILVYN® LTPG-M					
55510200	12 x 1.5	20	10	10	10
55510210	16 x 1.5/1	20	10	12	10
55510220	16 x 1.5/2	24	10	16	10
55510230	20 x 1.5/1	24	12	16	10
55510240	20 x 1.5/2	26	12	20	10
55510250	25 x 1.5	33	14	25	10
55510260	32 x 1.5	40	15	32	2
55510270	40 x 1.5	50	16	40	1
55510280	50 x 1.5	58	16	50	1
55510290	63 x 1.5	70	20	63	1
SILVYN® LTPS-M					
55510600	16 x 1.5/1	20	10	12	10
55510610	16 x 1.5/2	24	10	16	10
55510620	20 x 1.5/1	24	10	16	10
55510630	20 x 1.5/2	26	10	20	10
55510640	25 x 1.5	33	12	25	10
55510650	32 x 1.5	40	13	32	2
SILVYN® LTP 45° M					
55510300	20 x 1.5/1	24	13	16	10
55510301	20 x 1.5/2	24	13	20	10
55510302	25 x 1.5	30	14	25	10
55510303	32 x 1.5	36	15	32	2
55510304	40 x 1.5	47	18	40	1
55510305	50 x 1.5	61	18	50	1
55510306	63 x 1.5	67	20	63	1
SILVYN® LTP 90° M					
55510400	16 x 1.5/1	20	10	12	10
55510410	16 x 1.5/2	20	10	16	10
55510420	20 x 1.5/1	24	13	16	10
55510430	20 x 1.5/2	24	13	20	10
55510440	25 x 1.5	30	14	25	10
55510450	32 x 1.5	36	15	32	2
55510460	40 x 1.5	46	18	40	1
55510470	50 x 1.5	57	18	50	1
55510480	63 x 1.5	72	20	63	1

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

Accessories

- SKINDICHT® SM-M refer to page 742

- SILVYN® SEALING WASHER refer to page 896



SILVYN® LTP-C



Info

- Connection of two conduits

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Certifications IEC EN 61386-23
	Material Nickel-plated brass
	Protection rating IP66 IP67 IP68 (5 bar) IP69
	Temperature range -50°C to +135°C

Benefits

- Optional extension of SILVYN® LTP
- Fast assembly
- High tensile strength

Application range

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

Suitable conduits

- SILVYN® LTP Page 893



Article number	Nominal size	Suitable for SILVYN® LTP	Pieces / PU
SILVYN® LTP-C			
55510310	16	16	2
55510311	20	20	2
55510312	25	25	2
55510313	32	32	2

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



SILVYN® LTP-E



Info

- Ensuring cables do not get damaged

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Material Nickel-plated brass
	Temperature range -50°C to +135°C

Benefits

- Cable damage can be prevented

Application range

- Conduit end cover
- If no conduit fitting is used

Product features

- All-round collar completely covers the protective conduit end

Product Make-up

- Threaded sleeve

Suitable conduits

- SILVYN® HTDL Page 888
- SILVYN® EF Page 889
- SILVYN® OR Page 889
- SILVYN® HCX Page 890
- SILVYN® HFX Page 890
- SILVYN® LTP Page 893

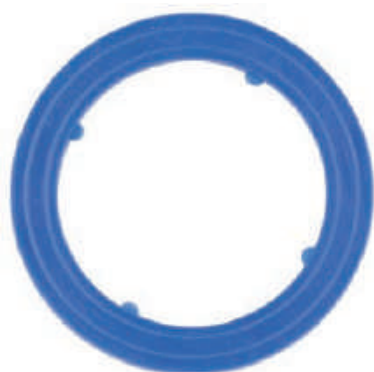


Article number	Nominal size	Suitable conduit nominal size	Pieces / PU
SILVYN® LTP-E			
61802300	10	1/4"	10
61802301	12	5/16"	10
61802302	16	3/8"	10
61802303	20	1/2"	10
61802305	25	3/4"	10
61802306	32	1"	10
61802307	40	1 1/4"	10
61802304	50	1 1/2"	4
61802308	63	2"	1

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



SILVYN® SEALING WASHER



Application range

- For sealing the housing reliably to protect against oils, dust, and water at the connection thread of a gland or other similar parts

Product features

- Ribs on both faces enhance sealing.
- Oil-resistant

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001181
ETIM 5.0/6.0 Class-Description:
Sealing ring



Colour delivered

blue



Material

Polyester Elastomer



Protection rating

IP66
IP67
IP68 (5 bar)
IP69



Temperature range

-50°C to +135°C

Article number	ID x OD mm	Metric size	Pieces / PU
SILVYN® SEALING WASHER			
61809400	16.0 x 24.0	16 x 1.5	10
61809410	20.0 x 27.0	20 x 1.5	10
61809420	25.0 x 34.0	25 x 1.5	10
61809430	32.0 x 42.0	32 x 1.5	10
61809440	40.0 x 50.0	40 x 1.5	10
61809450	50.0 x 62.0	50 x 1.5	10
61809460	63.0 x 73.0	63 x 1.5	10

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

Accessories

- SILVYN® LTPG-M

- SILVYN® LTPS-M





SILVYN® HIPROJACKET / SILVYN® HIPROSILTAPE

Fireproof cable protection conduit to protect the inner from flames and liquid metal with a temperature up to +1640 °C



Info

- Outstanding protection for extreme impact of heat
- Hazard Level: HL 3



SILVYN® HIPROJACKET

SILVYN® HIPROSILTAPE

Benefits

- Heat-resistant
- Flexible
- Temporarily reduces the temperature in the conduit by up to 30 %
- The protection rating increases to IP67 if SILVYN® HIPROSILTAPE is also used

Application range

- Heavy industry, iron and steel works, foundries, glass and ceramic processing, chemical industries
- Steel industry
- Railway applications / vehicle construction
- Mechanical engineering
- Used in areas where cables and wires are exposed to extreme heat

Product Make-up

SILVYN® HIPROJACKET

- Woven glass fibre conduit
- Iron oxide silicone coat

Technical data



Classification ETIM 5/6 SILVYN® HIPROJACKET

ETIM 5.0/6.0 Class-ID: EC002254
ETIM 5.0/6.0 Class-Description: Cable insulation hose

SILVYN® HIPROSILTAPE

ETIM 5.0/6.0 Class-ID: EC000128
ETIM 5.0/6.0 Class-Description: Adhesive tape



Certifications

SILVYN® HIPROJACKET

EN 45545-2 HL1 / HL2 / HL3
NF F 16-101 I2/F1
NF EN ISO 11925-2
DIN 5510-2 S4/SR2/ST2
SAE AS 1072 Type 2



On request

SILVYN® HIPROJACKET

30m PU



Colour delivered

Red



Material

SILVYN® HIPROJACKET

Glass fibre with iron oxide silicone coat
LOI 39,2

SILVYN® HIPROSILTAPE

Silicone-rubber compound, self-vulcanising, halogen-free



Protection rating

SILVYN® HIPROJACKET

IP 54 in combination with SILVYN® HIPROJACKET AMG fitting
IP 67 if SILVYN® HIPROSILTAPE is also used



Temperature range

SILVYN® HIPROJACKET

-55°C to +260 °C permanent temp.
+800°C for approx. 20 min (flame treatment)
+800°C for approx. 20 min (radiation heat)
+1640°C for approx. 15-30 sec (liquid-metal contact)

SILVYN® HIPROSILTAPE

-55°C to +260 °C permanent temp.

Article number	Nominal size	ID x OD mm	Suitable gland size	SILVYN® HIPROJACKET Insert set	PU ring (m)
SILVYN® HIPROJACKET					
52021385	6	6.0 x 15.0			15
61713003	10	10.0 x 15.0			15
61713005	13	13.0 x 18.0	M16 / PG 11 / NPT 1/2"	13	15
61713007	16	16.0 x 22.0	M20 / PG 16 / NPT 1/2"	16	15
61713010	19	19.0 x 25.0			15
61713011	22	22.0 x 28.0	M25 / PG 21 / NPT 3/4"	22	15
61713000	25	25.0 x 31.0	M32 / PG 29 / NPT 1"	25	15
61713014	29	29.0 x 35.0			15
61713015	32	32.0 x 38.0			15
61713016	35	35.0 x 41.0	M40 / PG 36 / NPT 1-1/4"	35	15
61713017	38	38.0 x 44.0	M50 / PG 42 / NPT 1-1/2"	38	15
61713018	41	41.0 x 47.0			15
61713021	44	44.0 x 50.0			15
61713019	51	51.0 x 57.0	M63 / PG 48 / NPT 2"	51	15
61713022	57	57.0 x 63.0			15
61713025	64	64.0 x 70.0			15
61713027	70	70.0 x 76.0			15
61713028	76	76.0 x 82.0			15
61713029	83	83.0 x 89.0			15
61713037	89	89.0 x 95.0			15
61713038	95	95.0 x 101.0			15
61713039	102	102.0 x 108.0			15
SILVYN® HIPROSILTAPE					
61713040	25	25.0 x 0.5			11

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

Accessories

SILVYN® HIPROJACKET

- SILVYN® HIPROJACKET Insert set refer to page 898



SILVYN® HIPROJACKET Insert set



i Info

- For use with SILVYN® COMPACT fittings

Benefits

- Combination of the SILVYN® COMPACT fitting with the cable protection conduit SILVYN® HIPROJACKET

Product features

- Corrosion-resistant
- Heat-resistant

Technical data

Material
Nickel-plated brass

Protection rating
IP 54 in combination with SILVYN® COMPACT fitting

Temperature range
-55 °C to +260 °C

Article number	Nominal size	Suitable SILVYN® COMPACT fitting size	Pieces / PU
SILVYN® HIPROJACKET Insert set			
61713076	13	M16 / PG 11 / NPT 1/2"	10
61713077	16	M20 / PG 16 / NPT 1/2"	10
61713078	22	M25 / PG 21 / NPT 3/4"	5
61713079	25	M32 / PG 29 / NPT 1"	5
61713081	35	M40 / PG 36 / NPT 1-1/4"	2
61713082	38	M50 / PG 42 / NPT 1-1/2"	2
61713083	51	M63 / PG 48 / NPT 2"	2

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



SILVYN® FG



Info

- Specifically for the food and drinks industry



Benefits

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

Application range

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

Product features

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

Norm references / Approvals

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

Product Make-up

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

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001179
ETIM 5.0/6.0 Class-Description:
Protective metallic hose



Colour delivered

White
Blue



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	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® FG white				
55503279	3/8"	12.6 x 17.8	60	30
55503280	1/2"	16.0 x 21.1	75	30
55503281	3/4"	21.0 x 26.4	90	30
55503282	1"	26.5 x 33.1	120	30
55503283	1 1/4"	35.1 x 41.8	135	15
55503284	1 1/2"	40.3 x 47.8	165	15
55503285	2"	51.6 x 59.9	210	15
SILVYN® FG blue				
55503286	3/8"	12.6 x 17.8	60	30
55503287	1/2"	16.0 x 21.1	75	30
55503288	3/4"	21.0 x 26.4	90	30
55503289	1"	26.5 x 33.1	120	30
55503290	1 1/4"	35.1 x 41.8	135	15
55503291	1 1/2"	40.3 x 47.8	165	15
55503292	2"	51.6 x 59.9	210	15

* Trade product, no Lapp product

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

Accessories

- Detectable Cable ties refer to page 1003
- SILVYN® LTP-E refer to page 895
- SILVYN® HYGIENIC refer to page 901



SILVYN® FG NM



Info

- All-plastic conduit
- Specifically for the food and drinks industry

Benefits

- FDA-approved outer sheath
- Smooth, blue surface makes it easy to clean
- Protects against liquids

Application range

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

Product features

- Flexible
- Dimensionally stable
- Flame-retardant

Norm references / Approvals

- Certified according to FDA CFR 21 and NSF 51 (standard for the USA)
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry

Product Make-up

- Hard PVC inner spiral
- Special, FDA-approved plastic sheath

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001177
ETIM 5.0/6.0 Class-Description:
Protective plastic hose



Certifications

FDA CFR 21
NSF 51



On request

Also in grey and white colour



Colour delivered

Blue



Material

Special soft PVC sheath with hard PVC spiral



Temperature range

-20 °C to +60 °C
Short-term: +80 °C

Article number	Nominal size	ID x OD mm	Bending radius (mm)	PU ring (m)
SILVYN® FG NM blue				
55503370	3/8"	12.6 x 17.8	70	30
55503371	1/2"	16.0 x 21.1	100	30
55503372	3/4"	21.0 x 26.4	130	30
55503373	1"	26.5 x 33.1	180	30
55503374	1 1/4"	35.1 x 41.8	225	15
55503375	1 1/2"	40.3 x 47.8	255	15
55503376	2"	51.6 x 59.9	310	15

* Trade product, no Lapp product

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

Similar products

- SILVYN® FG refer to page 899

Accessories

- SILVYN® HYGIENIC refer to page 901



SILVYN® HYGIENIC



Info

- Ideal for hygienic critical areas - resistant, edge-free, robust and reliable
- No gaps, voids or outer lying thread - so no risk of contamination of food machines, facilities or components

Benefits

- Hygienic Design for ideal cleaning results
- Smooth surfaces and no edges prevent the accumulation of fluids and formation of micro-organisms

Application range

- Food machinery, equipment and components
- Pharmaceutical industry
- Mechanical engineering

Product features

- High chemical and thermal stability with very aggressive media such as Detergents and disinfectants, acids and alkalis during cleaning processes etc.

Norm references / Approvals

- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery

Product Make-up

- Material and shape provide an easy and safe cleaning
- By the blue coloring of the sealing material clearly distinguishable from foodstuffs
- Rounded key areas for mounting with standard tools

Suitable conduits

- SILVYN® FG Page 899
- SILVYN® FG NM Page 900

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001180 ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose
	Norm references / Approvals IEC EN 61386-23
	Material Body: Stainless Steel (Grade 316) Insert: Nickel Plated Brass Inner seal: Polyamide 6 Sealing material: Special Elastomer
	Protection rating IP66 IP67 IP68 (2 bar) IP69
	Temperature range -50°C to +135°C

Article number	Metric size	Clear opening (mm)	Suitable conduit nominal size	Pieces / PU
SILVYN® HYGIENIC				
55510700	16 x 1.5	10.7	3/8"	1
55510701	20 x 1.5	14.5	1/2"	1
55510702	25 x 1.5	18.7	3/4"	1
55510703	32 x 1.5	24.6	1"	1
55510704	40 x 1.5	32.7	1 1/4"	1
55510705	50 x 1.5	37.7	1 1/2"	1
55510706	63 x 1.5	49	2"	1

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





SILVYN® E-KIT



Info

- Orange coloured conduit kit with short lengths

Benefits

- Protection and bundling of cables, lines and wires
- Maintenance and retrofit
- Additional abrasion protection for critical areas

Application range

- E-Mobility

Product features

- Divisible and closed protection conduits
- High mechanical and chemical resistance

Norm references / Approvals

- Use acc. to the european regulation ECE/TRANS/WM.29/GRSP/2009/16 to mark high voltage systems and components (> 25V AC / > 60V DC) with the signal colour orange

Included

- Corrugated conduit, slit and closable (3m)
- Corrugated conduit, two-part and closable (3m)
- Knit woven fabric, closed and puncture-resistant (3m)
- Braided sleeve, slit and self-wrapping (3m)
- Cable ties (100 pieces, 200mm x 2.5mm) and installation tool (1x)

Technical data



Colour delivered

Orange



Material

Polyamide 6 (PA6)
Polypropylene (PP)
Polyester (PET)
Fire behaviour according to UL94 V-2



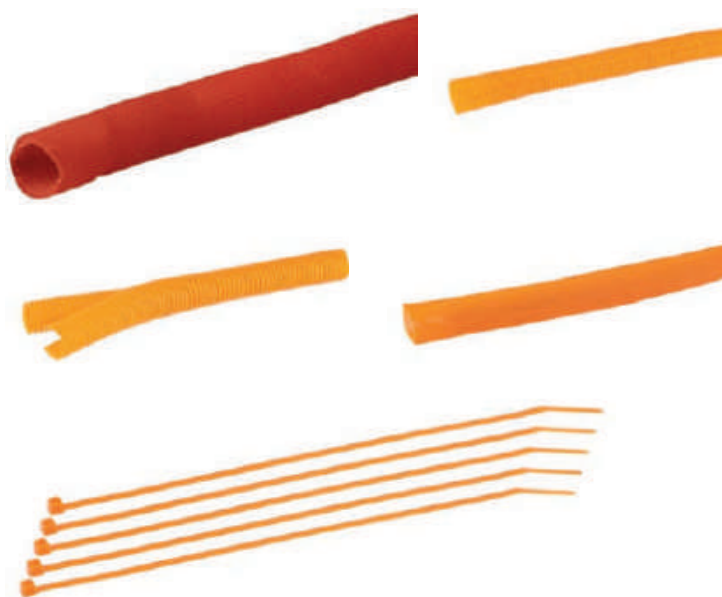
Temperature range

PP: -30 to +105°C
PA6: -55 to +125°C
PET: -40 to +160°C

Article number	Corrugated conduit (m)	Knit woven/Braided sleeve (m)	Cable ties (pcs)	Contents (m)	Contents (unit)	PU
SILVYN® E-KIT						
61737407	Polypropylene (PP)	Polyester (PET)	Polyamide 6 (PA6)	3	100	1

Other colours and sizes are available upon request.

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





SILVYN® CNP / SILVYN® CNP NPT



SILVYN® CNP



SILVYN® CNP NPT

Benefits

SILVYN® CNP

- Protection against mechanical stress
- Protects against liquids
- Bendable
- Highly oil and acid-resistant

SILVYN® CNP NPT

- Flame-retardant
- High tensile strength
- For high mechanical stress
- High chemical-resistance

Application range

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

Product Make-up

SILVYN® CNP

- PVC inner conduit
- Nylon braiding
- Plastic outer sheath

SILVYN® CNP NPT

- 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

Technical data



Classification ETIM 5/6 SILVYN® CNP

ETIM 5.0/6.0 Class-ID: EC001177

ETIM 5.0/6.0 Class-Description:

Protective plastic hose

SILVYN® CNP NPT

ETIM 5.0/6.0 Class-ID: EC001180

ETIM 5.0/6.0 Class-Description: Screw connection for protective metallic hose



Certifications

SILVYN® CNP

UL 1660



Colour delivered

SILVYN® CNP

Orange



Material

SILVYN® CNP

PVC compound with nylon fabric

SILVYN® CNP NPT

Body: cast steel with zinc-plated surface

Inner sleeve: PA



Protection rating

IP 67



Temperature range

SILVYN® CNP

-20°C to +60°C

CSA: -18°C to +75°C

Short-term: up to +80°C

SILVYN® CNP NPT

-45°C to +105°C

Article number	Nominal size	ID x OD mm	Static/dynamic bending radius in mm	SW wrench size mm	Overall length mm	Suitable for SILVYN® CNP	PU ring (m)
SILVYN® CNP							
61712930	3/8"	12.6 x 19.4	70.0/100.0			1/2"	76
61722330	1/2"	16.1 x 23.4	90.0/125.0			1/2"	60
61722340	3/4"	21.0 x 29.5	115.0/160.0			3/4"	53
61712460	1"	26.5 x 36.3	170.0/200.0			1"	30
61712910	1 1/4"	31.5 x 46.0	200.0/240.0			1 1/4"	15
61722270	1 1/2"	40.4 x 52.4	230.0/290.0			1 1/2"	15
61722320	2"	52.4 x 66.6	260.0/350.0			2"	15
SILVYN® CNP NPT fitting							
55500400	1/2"			27	55	3/8"	1
55500410	1/2"			32	66	1/2"	1
55500420	3/4"			39	66	3/4"	1
55500430	1"			45	73	1"	1
55500440	1 1/4"			59	87	1 1/4"	1
55500450	1 1/2"			67	87	1 1/2"	1
55500460	2"			82	101	2"	1

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



SILVYN® Conduit scissor



Benefits

- Proper and safe cutting of plastic conduits

Application range

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

Suitable conduits

- Flexible with PVC spiral
- SILVYN® HIPROJACKET Page 897
- SILVYN® FPAS Page 846
- SILVYN® HCC Page
- SILVYN® RILL PA 6 Page 836
- SILVYN® SI Page 816
- SILVYN® SINUS PA6 Page 863
- SILVYN® SPLIT Page 861
- SILVYN® RILL PA 12 Page 837

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000160
ETIM 5.0/6.0 Class-Description:
Shears

Article number	Article designation	Cutting range Ø (mm)	Pieces / PU
SILVYN® Conduit scissor			
61722285	CC01	0 - 34	1
61722286	CC02	0 - 67	1

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

SILVYN® vice



Application range

- For right-angled sawing of protective metal conduits.

Suitable conduits

- SILVYN® HTDL Page 888
- SILVYN® SSUE Page 875
- SILVYN® UI 511 Page 879
- SILVYN® FPS-EDU Page 826
- SILVYN® EF Page 889
- SILVYN® OR Page 889
- SILVYN® HCX Page 890
- SILVYN® HFX Page 890
- SILVYN® AS-P Page 865
- SILVYN® EDU-AS Page 866
- SILVYN® EMC AS-CU Page 867

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC002199
ETIM 5.0/6.0 Class-Description:
Bench-vice

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

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



SILVYN® coupler

Benefits

- Easy to assemble
- High tensile strength
- Optional extension of all conduits

Application range

- In combination with:
- All metric conduit glands

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000938 ETIM 5.0/6.0 Class-Description: Enlargement/reducing ring
	Material Nickel-plated brass
	Temperature range Dependent on the glands used



Article number	Article designation	Metric size	SW wrench size mm	Overall length mm	Outer Ø (mm)	Pieces / PU
SILVYN® coupler						
55510000	16	M16 x 1.5	20	22.5	22	10
55510010	20	M20 x 1.5	24	25	26	10
55510020	25	M25 x 1.5	29	30	32	10
55510030	32	M32 x 1.5	35	32.5	38	10
55510040	40	M40 x 1.5	48	34	53	2
55510050	50	M50 x 1.5	58	38	64	1
55510060	63	M63 x 1.5	70	45	77	1
55510070	75	M75 x 1.5	84	45	93	1

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



SILVYN® BW-M

SILVYN® BW-K-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

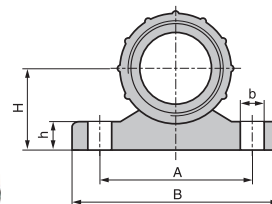
Product Make-up

SILVYN® BW-K-M

- Plastic fixing bracket
- 2 x bore hole for fixation

SILVYN® BW-M

- Steel fixing bracket
- 2 x bore hole for fixation



Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001458 ETIM 5.0/6.0 Class-Description: Fastening angle for hose fitting		Material SILVYN® BW-K-M PP SILVYN® BW-M Steel, passivated
	Colour delivered SILVYN® BW-K-M Grey, RAL 7001		Temperature range SILVYN® BW-K-M -40°C to +100°C

Article number	Article designation	Metric size	A mm	B in mm	Pieces / PU
SILVYN® BW-K-M					
55000911		20 x 1.5	37.5	50	50
55000921		25 x 1.5	43	57	50
55000931		32 x 1.5	53.5	67	50
55000941		40 x 1.5	65.5	79.5	50
55000951		50 x 1.5	69.5	86	50
SILVYN® BW-M					
55000531	16		40	50	25
55000541	20		40	50	25
55000551	25		50	60	25
55000561	32		60	70	25
55000571	40		70	80	25
55000572	50		80	90	25

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



SILVYN® RKS



Benefits

- Fast and easy mounting
- Various applications

Application range

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

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001171

ETIM 5.0/6.0 Class-Description: Holder for protective hose



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)	Pieces / PU
SILVYN® RKS 1						
61825170	6/12	12	15 x 1,2	6	5.3 (M5)	100
61825180	8/12	12	15 x 1,2	8	5.3 (M5)	100
61825190	10/12	12	15 x 1,2	10	5.3 (M5)	100
61825200	12/12	12	15 x 1,2	12	5.3 (M5)	100
61825210	13/15	15	18,5 x 1,5	13	6.4 (M6)	100
61825355	14/15	15	18,5 x 1,5	14	6.4 (M6)	100
61825365	15/15	15	18,5 x 1,5	15	6.4 (M6)	100
61825375	16/15	15	18,5 x 1,5	16	6.4 (M6)	100
61825040	18/15	15	18,5 x 1,5	18	6.4 (M6)	100
61825052	19/15	15	18,5 x 1,5	19	6.4 (M6)	100
61825380	20/15	15	18,5 x 1,5	20	6.4 (M6)	100
61825382	21/15	15	18,5 x 1,5	21	6.4 (M6)	100
61825050	22/15	15	18,5 x 1,5	22	6.4 (M6)	100
61825390	23/15	15	18,5 x 1,5	23	6.4 (M6)	100
61825392	24/20	20	25 x 1,5	24	8.4 (M8)	100
61825400	25/15	15	18,5 x 1,5	25	6.4 (M6)	100
61825402	26/15	15	18,5 x 1,5	26	6.4 (M6)	100
61825250	28/15	15	18,5 x 1,5	28	6.4 (M6)	100
61825255	30/15	15	18,5 x 1,5	30	6.4 (M6)	100
61825257	32/15	15	18,5 x 1,5	32	6.4 (M6)	100
61825259	34/15	15	18,5 x 1,5	34	6.4 (M6)	100
61825260	35/15	15	18,5 x 1,5	35	6.4 (M6)	100
61825262	36/20	20	25 x 1,5	36	8.4 (M8)	100
61825264	38/20	20	25 x 1,5	38	8.4 (M8)	100
61825295	40/20	20	25 x 1,5	40	8.4 (M8)	100

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