SILVYN® FPS

SILVYN® FPS is a highly flexible protection conduit made of PVC

SILVYN® MSK-M

SILVYN® USK/USK-M
IP54

SILVYN® US/US-M + EE-K
IP54

SILVYN® LKI/LKI-M
IP54

SILVYN® EE-K

Corrosion-resistant

Power chain

Waterproof

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

Last Update (16.05.2025)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

SILVYN® FPS

PVC-insulated steel spring wire
Soft PVC outer sheath

Note
PU = 50 m (on request)

Technical Data

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

Note
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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SILVYN® FPS

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 x 10	8	10 x 1,0	12 x 1,5	7	25
61711590	14	10 x 14	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 x 21	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 x 36	25	32 x 1,5	40 x 1,5	29	25
61711830	45	38 x 45	36	40 x 1,5	50 x 1,5	36	25
61711910	56	48 x 56	40	50 x 1,5	63 x 1,5	48	25
SILVYN® FPS 10M							
61721690	10	7 x 10	8	10 x 1,0	12 x 1,5	7	10
61721700	14	10 x 14	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 x 21	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 x 36	25	32 x 1,5	40 x 1,5	29	10
61721760	45	38 x 45	36	40 x 1,5	50 x 1,5	36	10
61721780	56	48 x 56	40	50 x 1,5	63 x 1,5	48	10

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