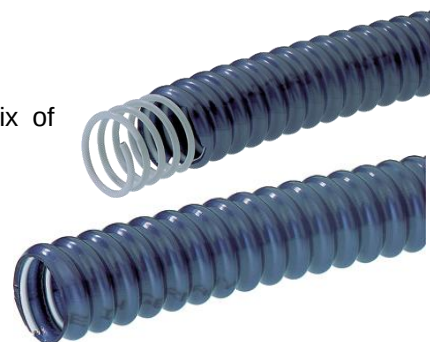


DATA SHEET	64453660
SILVYN® FD-PU	valid from: 14.03.2014

SILVYN® FD-PU is a helical coiled corrugated plastic conduit, inside helix of plastic-sheathing spring steel wire, fixed PU jacket. For highly flexible and liquid proof installations to be protected against oil, grease and benzene at high temperatures. Especially suitable for applications with guide chains and robotics.



Material: Jacket Polyurethane (PU)
Inside helix plastic sheathed spring steel wire

Characteristics:

- Extremely flexible
- High tenacity; abrasion resistance
- Air tight and liquid proof
- Free of halogen, silicon and cadmium
- Outstanding performance at low temperature
- Flame resistant V2 in accordance to UL94

Resistant against:

- Oil
- Petrol
- Grease
- Widely resistant to solvents acids
- Microbe resistant
- Weather-proof
- Saltwater-proof

Temperature range: -40°C to +80°C

Colour: Metallic blue

Approvals:

For conduits



Technical data:

Article number	Designation	Diameter mm		Min. bending radius mm
		Inner	Outer	
64453660	SILVYN® FD-PU	7	10	8
64453670	SILVYN® FD-PU	10	14	10
64453680	SILVYN® FD-PU	13	17	13
64453690	SILVYN® FD-PU	15	19	15
64453700	SILVYN® FD-PU	16	21	17
64453710	SILVYN® FD-PU	22	27	20
64453720	SILVYN® FD-PU	29	36	25
64453730	SILVYN® FD-PU	38	45	36
64453740	SILVYN® FD-PU	48	56	40

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Compatible glands/accessories:

SILVYN® MSK-M; MSK-SC-M; USK-M; US-M; LKI-M; USK; US;LKI; EE-K

Protection class:

SILVYN® FD-PU with MSK-M-EE/ MSK-SC-M-EE Conduit side **IP 54** Cable side **IP 68**

SILVYN® FD-PU with USK-M; USK **IP 54**

SILVYN® FD-PU with LKI-M; LKI **IP54**

SILVYN® FD-PU with US-M **IP54**

Allocation tables:

Conduit SILVYN® FD-PU	 Multi functional conduit gland	 Multi functional EMC conduit gland
SILVYN® FD-PU 7x10	MSK-M 12 EE	MSK-SC-M 12 EE
SILVYN® FD-PU 10x14	MSK-M 16 EE	MSK-SC-M 16 EE
SILVYN® FD-PU 13x17	MSK-M 20 EE	MSK-SC-M 20 EE
SILVYN® FD-PU 15x19		
SILVYN® FD-PU 16x21	MSK-M 25 EE	MSK-SC-M 25 EE
SILVYN® FD-PU 21x27	MSK-M 32EE	MSK-SC-M 32EE
SILVYN® FD-PU 29x36	MSK-M 40 EE	MSK-SC-M 40 EE
SILVYN® FD-PU 38x45	MSK-M 50 EE	MSK-SC-M 50 EE
SILVYN® FD-PU 48x56	MSK-M 63 EE	MSK-SC-M 63 EE

Conduit SILVYN® FD-PU	 Safety gland	 conduit gland	 Quick gland rotatable
SILVYN® FD-PU 7x10	USK-M 10x1,0	US-M 10x1,0	LKI-M 12x1,5
SILVYN® FD-PU 10x14	USK-M 12x1,5	US-M 12x1,5	LKI-M 16x1,5
SILVYN® FD-PU 13x17	USK-M 16x1,5	US-M 16x1,5	LKI-M 20x1,5
SILVYN® FD-PU 15x19			
SILVYN® FD-PU 16x21	USK-M 20x1,5	US-M 20x1,5	LKI-M 25x1,5
SILVYN® FD-PU 21x27	USK-M 25x1,5	US-M 25x1,5	LKI-M 32x1,5
SILVYN® FD-PU 29x36	USK-M 32x1,5	US-M 32x1,5	LKI-M 40x1,5
SILVYN® FD-PU 38x45	USK-M 40x1,5	US-M 40x1,5	LKI-M 50x1,5
SILVYN® FD-PU 48x56	USK-M 50x1,5	US-M 50x1,5	LKI-M 60x1,5

DATA SHEET	64453660
SILVYN® FD-PU	valid from: 14.03.2014

Conduit SILVYN® FD-PU	 Safety gland	 Conduit gland	 Quick gland rotatable	 End sleeve to screw in
SILVYN® FD-PU 7x10	USK 7	US 7	LKI 7	EE-K 7
SILVYN® FD-PU 10x14	USK 9	US-9	LKI 9	EE-K 9
SILVYN® FD-PU 13x17	USK 11	US-11	LKI 11	EE-K 11
SILVYN® FD-PU 15x19	USK 13,5	US 13,5	LKI 13,5	EE-K 13,5
SILVYN® FD-PU 16x21	USK 16	US 16	LKI-15	EE-K-15
SILVYN® FD-PU 21x27	USK 21	US 21	LKI-21	EE-K 21
SILVYN® FD-PU 29x36	USK 29	US 29	LKI 29	EE-K 29
SILVYN® FD-PU 38x45	USK 36	US 36	LKI 36	EE-K 36
SILVYN® FD-PU 48x56	USK 48	US 48	LKI 48	EE-K 48