

64453660	DATA SHEET	
Valid from: 03.07.2018	SILVYN® FD-PU	

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

Resistant: against Oil, Petrol, Grease and microbes
Widely resistant to solvents acids

Temperature range: -40°C up to +80°C, temporary +120°C

Colour: Metallic blue



Norm References:

Notes: Flame resistant V2 in acc. to UL94
Free of halogen, silicon and cadmium

Protection class: IP 68

Dimension table:

Part No.	Part name	Diameter mm		Bending radius mm	kg/m
		inner	outer		
6445 3660	SILVYN® FD-PU 10	7,0	10,0	8	0,07
6445 3670	SILVYN® FD-PU 14	10,0	14,0	10	0,085
6445 3680	SILVYN® FD-PU 17	13,0	17,0	13	0,13
6445 3690	SILVYN® FD-PU 19	15,0	19,0	15	0,15
6445 3700	SILVYN® FD-PU 21	16,0	21,0	17	0,21
6445 3710	SILVYN® FD-PU 27	22,0	27,0	20	0,29
6445 3720	SILVYN® FD-PU 36	29,0	36,0	25	0,44
6445 3730	SILVYN® FD-PU 45	38,0	45,0	36	0,542
6445 3750	SILVYN® FD-PU 56	48,0	56,0	40	0,875

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Suitable:

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

Allocation table:

Description	 SILVYN® USK-M / US-M	 SILVYN® LKI-M / MSK-M	 SILVYN® USK / US / LKI / EE-K
SILVYN® FD-PU 10	10 x 1,0	12 x 1,5	7
SILVYN® FD-PU 14	12 x 1,5	16 x 1,5	9
SILVYN® FD-PU 17	16 x 1,5	20 x 1,5	11
SILVYN® FD-PU 19			13,5
SILVYN® FD-PU 21	20 x 1,5	25 x 1,5	16
SILVYN® FD-PU 27	25 x 1,5	32 x 1,5	21
SILVYN® FD-PU 36	32 x 1,5	40 x 1,5	29
SILVYN® FD-PU 45	40 x 1,5	50 x 1,5	36
SILVYN® FD-PU 56	50 x 1,5	63 x 1,5	48

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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