



DATA SHEET	61711550
SILVYN® FPS	valid from : 05.01.2016

SILVYN® FPS is a helically coiled corrugated plastic conduit, helix of PVC sheathed spring steel wire, soft PVC jacket. Use in continuous movement and robotic applications. Suction conduit with slight low pressure.



Material: high class PVC – outer sheath,
inside helix PVC sheathed spring steel wire

Characteristics: extremely flexible
highly expandable and up settable
air and liquid proof

Resistance: highly resistant against oil and acids
inside protection against corrosion

Temperature range: -25°C up to +80°C, temporary +100°C

Colour: grey



File Nr. E86359

Norm reference:

Notes: free of silicone and cadmium
Inside corrosion protection

Protection class: IP 68

Dimension table:

Part No.	Part name	Diameter mm		Bending radius mm	Kg/m
		inner	outer		
SILVYN® FPS					
6171 1550	SILVYN® FPS 10	7,0	10,0	8	0,07
6171 1590	SILVYN® FPS 14	10,0	14,0	10	0,085
6171 1630	SILVYN® FPS 17	13,0	17,0	13	0,13
6171 1670	SILVYN® FPS 19	15,0	19,0	15	0,15
6171 1710	SILVYN® FPS 21	16,0	21,0	17	0,21
6171 1750	SILVYN® FPS 27	22,0	27,0	20	0,29
6171 1790	SILVYN® FPS 36	29,0	36,0	25	0,44
6171 1830	SILVYN® FPS 45	38,0	45,0	36	0,542
6171 1910	SILVYN® FPS 56	48,0	56,0	40	0,875
SILVYN® FPS 10M					
6172 1690	SILVYN® FPS 10	7,0	10,0	8	0,07
6172 1700	SILVYN® FPS 14	10,0	14,0	10	0,085
6172 1710	SILVYN® FPS 17	13,0	17,0	13	0,13
6172 1720	SILVYN® FPS 19	15,0	19,0	15	0,15
6172 1730	SILVYN® FPS 21	16,0	21,0	17	0,21
6172 1740	SILVYN® FPS 27	22,0	27,0	20	0,29
6172 1750	SILVYN® FPS 36	29,0	36,0	25	0,44
6172 1760	SILVYN® FPS 45	38,0	45,0	36	0,542
6172 1780	SILVYN® FPS 56	48,0	56,0	40	0,875

elaborated by: PDP: M. Wegerer	Document: DB61711550_5EN	page 1 of 2
-----------------------------------	--------------------------	-------------






DATA SHEET	61711550
SILVYN® FPS	valid from : 05.01.2016

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® FPS 10	10 x 1,0	12 x 1,5	7
SILVYN® FPS 14	12 x 1,5	16 x 1,5	9
SILVYN® FPS 17	16 x 1,5	20 x 1,5	11
SILVYN® FPS 19			13,5
SILVYN® FPS 21	20 x 1,5	25 x 1,5	16
SILVYN® FPS 27	25 x 1,5	32 x 1,5	21
SILVYN® FPS 36	32 x 1,5	40 x 1,5	29
SILVYN® FPS 45	40 x 1,5	50 x 1,5	36
SILVYN® FPS 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 any questions regarding resistance against aggressive agents and special oil.