


6181 4717	DATA SHEET	
Valid from: 23.04.2018	SILVYN® FCE-LFH	

SILVYN® FCE-LFH is a robust, flexible and halogen free cable protection conduit. The conduit is made of a galvanized steel band and a polyolefin coat. Due to his features the protection conduit can be used in all railway applications where are small and dynamic bending radius are need, for example in escalators.



Material:

Body	Steel band, galvanized
Coat	Polyethylene

Technical features:

Surface	Smooth
Profile	Strip wounded with Square-locked
Nominal size	NW 12 up to NW 50
Protection class	IP68 acc. to EN 60529
Temperature range	Depending on the used conduit gland -25°C up to +80°C

Additional features:

Compressive strength	Class 4 (1250N) acc. to EN 61386
Impact strength	Class 4 (6J) acc. to EN 61386
Bending resistance	Flexible
Tensile strength	Class 4 (1000N) acc. to EN 61386
Fire hazardous level	HL3 (R22 and R23) acc. to EN 45545-2
Oxygen index	41,5% acc. to EN ISO 4589-2
Free of halogen and lead	
UV resistant	

Color:

Black

Approbation:



Reference standards:


IEC 61386-1
IEC 61386-23
EN 45545-2

Suitable glands:

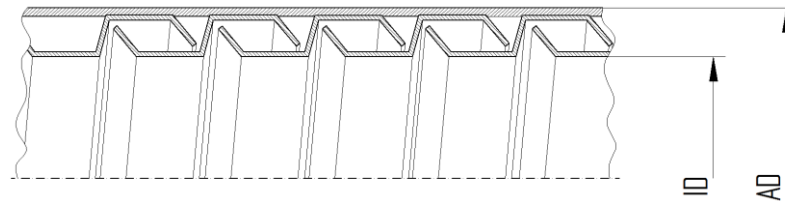
SILVYN® COMPACT
SILVYN® FCE-F
SILVYN® FCE-S

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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Product drawing:



Dimension table:

Part No.	Nominal size	Diameter mm		Max. Bending radius mm		Weight Kg/m
		ID	AD	static	dynamic	
6181 4717	12	10,0	14,0	37	50	0,18
6181 4718	16	13,0	17,0	45	60	0,23
6181 4719	20	17,0	21,5	55	80	0,30
6181 4720	25	21,2	26,0	70	100	0,39
6181 4721	32	28,1	34,0	95	125	0,52
6181 4722	40	37,7	45,0	115	160	0,75
6181 4723	50	48,4	56,0	135	190	1,10