

6181 4708	DATA SHEET	
Valid from: 23.04.2018	SILVYN® FCE-V0	

SILVYN® FCE-V0 is a rugged, flexible and halogen free cable protection conduit with a galvanised steel band and a polyurethane coat. The protection conduit resists falling rock, snow, ice and dirt, also by lower temperatures. Due to his features the protection conduit SILVYN® FCE-V0 can be used in railway applications with changing environmental conditions, where small and dynamic bending radiuses are used.



Material:

Body	Steel band, galvanized
Coat	Polyurethane

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 -50°C up to +105°C

Additional features:

Compressive strength	Class 4 (1250N) acc. to DIN EN 61386
Impact strength	Class 4 (6J) acc. to DIN EN 61386
Bending resistance	Flexible
Tensile strength	Class 4 (1000N) acc. to DIN EN 61386
Fire Classification	V0 acc. to UL 94
Fire hazardous level	HL2 (R22 and R23) acc. to EN 45545-2
Oxygen index	30,5% 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:

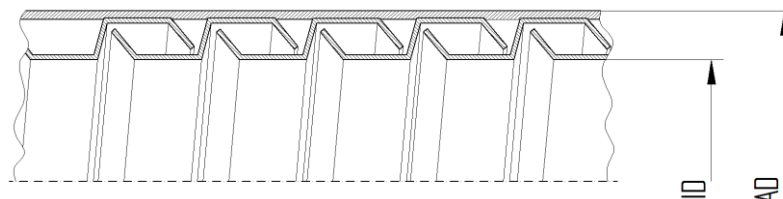
SILVYN® COMPACT
SILVYN® FCE-F
SILVYN® FCE-S

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		Bending radius mm		Weight Kg/m
		ID	AD	static	dynamic	
6181 4708	12	10,0	14,0	37	50	0,18
6181 4709	16	13,0	17,0	45	60	0,23
6181 4710	20	17,0	21,5	55	80	0,30
6181 4711	25	21,2	26,0	70	100	0,39
6181 4712	32	28,1	34,0	95	125	0,52
6181 4713	40	37,7	45,0	115	160	0,75
6181 4714	50	48,4	56,0	135	190	1,10

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