


6440 0248	DATA SHEET	
Valid from: 24.04.2018	SILVYN® HFX-V0	

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



Material:

Body	Steel band, galvanized
Coat	Polyurethane

Technical features:

Surface	Smooth
Profile	Strip wounded with Square-locked and cotton thread
Nominal size	NW 5/16" up to NW 2"
Protection class	IP66 and IP 67 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 EN 61386
Impact strength	Class 4 (6J) acc. to EN 61386
Bending resistance	Flexible
Tensile strength	Class 4 (1000N) acc. to EN 61386
Fire classification	V0 acc. to UL94
Fire hazardous level	HL2 (R22 and R23) acc. to EN 45545-2
Oxygen index	31,6% 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:

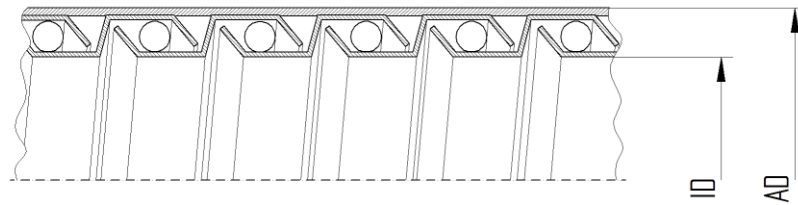
SILVYN® COMPACT M
SILVYN® COMPACT PG
SILVYN® COMPACT NPT

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	
6440 0248	5/16"	10,1	14,4	50	65	0,2
6440 0241	3/8"	12,6	17,8	60	85	0,3
6440 0253	1/2"	16,0	21,1	75	110	0,4
6440 0242	3/4"	21,0	26,4	90	140	0,6
6440 0243	1"	26,5	33,1	120	170	0,8
6440 0244	1 1/4"	35,1	41,8	135	215	1,1
6440 0245	1 1/2"	40,3	47,8	165	250	1,5
6440 0246	2"	51,6	59,9	210	300	2,0