

61814190	DATA SHEET	
Valid from: 03.05.2018	SILVYN® HTDL	

The conduit SILVYN® HTDL consists of a high-class pressure-retaining galvanized steel conduit with integrated copper wire and a smooth PVC coat. Grounded to his construction the protection conduit has a high electrical compatibility and can be used in the machinery and equipment engineering and also by off-shore installations, by train installations and in the transformer construction.



Material:

Body Strip-wound steel, galvanized
Coat PVC

Technical features:

Surface Smooth
Profile Hooked Profile with integrated copper wire
From NW 1 1/2": Agraff-Profile with integrated copper wire
Nominal size NW 3/8" up to NW 2"
Protection class IP66 and IP67 acc. to EN 60529
Depending on the used conduit gland
Temperature range -45°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
Free of lead
UV-Resistant
Resistant to Oil and fats

Colour:

Black



Approbation:

Reference standards:

IEC 61386-1
IEC 61386-23

Suitable glands:

SILVYN® COMPACT M
SILVYN® COMPACT PG
SILVYN® COMPACT NPT
SILVYN® LTP-E

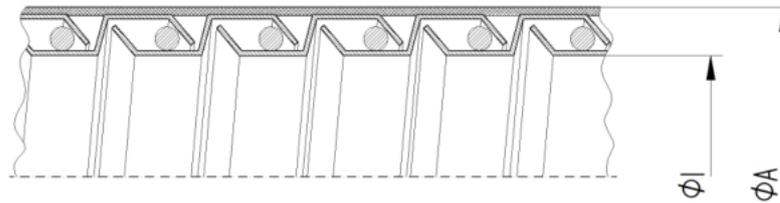
AbN
automation

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.	NW	Diameter mm		Max. Bending radius mm		Weight kg / m
		Inner	Outer	static	dynamic	
6181 4190	3/8"	12,6	17,8	70	85	0,4
6181 4200	1/2"	16,1	21,1	90	110	0,5
6181 4210	3/4"	21,1	26,4	115	140	0,7
6181 4220	1"	26,8	33,1	145	170	1,1
6181 4230	1 1/4"	35,4	41,8	175	215	1,5
6181 4240	1 1/2"	40,3	47,8	205	250	1,7
6181 4250	2"	51,6	59,9	240	300	2,2