

6181 4190	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
Coat

Strip-wound steel, galvanized
PVC

Technical features:

Surface
Profile

Smooth
Hooked Profile with integrated copper wire
From NW 1 1/2": Agraff-Profile with integrated copper wire
NW 3/8" up to NW 2"
IP66 and IP67 acc. to EN 60529
Depending on the used conduit gland
-45°C up to +105°C

Nominal size
Protection class

Temperature range

Additional features:

Compressive strength
Impact strength
Bending resistance
Tensile strength
Free of lead
UV-Resistant
Resistant to

Class 4 (1250N) acc. to EN 61386
Class 4 (6J) acc. to EN 61386
Flexible
Class 4 (1000N) acc. to EN 61386

Oil and fats

Colour:

Black



Approbation:

Reference standards:

IEC 61386-1
IEC 61386-23

Suitable glands:

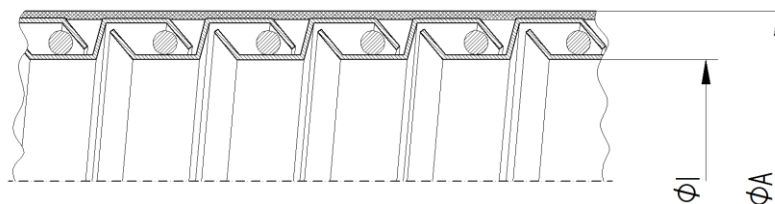
SILVYN® COMPACT M
SILVYN® COMPACT PG
SILVYN® COMPACT NPT
SILVYN® LTP-E

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

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