

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:

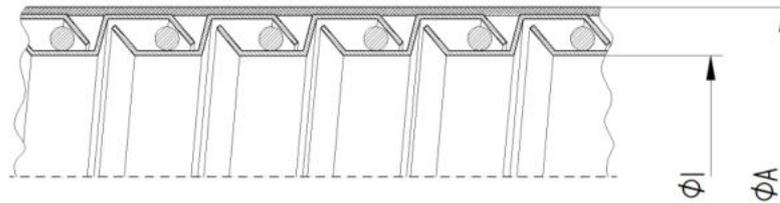
SILVYN® COMPACT M
SILVYN® COMPACT PG
SILVYN® COMPACT NPT
SILVYN® LTP-E

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.

Creator: MAU1/PDP Released: DAMU1/PDP	Document: DB61814190EN Version: 04	Page 1 of 2
--	---------------------------------------	-------------

6181 4190	DATA SHEET	
Valid from: 03.05.2018	SILVYN® HTDL	

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