

DATA SHEET	6180 3965
FIPLOCK® HPDF	Valid from: 28.03.2018

The cable protection conduit FIPLOCK® HPDF is made of PA12 with highly flame retarded features and can be used for cable protection applications where low fire hazard is mandatory. In addition is the protection conduit self-extinguishing has a low smoke characteristics and is due to his mechanical properties the conduit can be used for technical applications such like rolling stock and public transport equipment.



Material: PA12 MOD V0

Technical features:

Profile	Parallel corrugated
Nominal size	NW 7 up to NW 48
Temperature range	-45°C up to +105°C

Additional features:

Impact strength	6J acc. to IEC EN 61386
Peak load value	125N acc. to IEC 61386
Fire classification	V0 acc. to UL94
Fire hazardous level	HL3 (R22 and R23) acc. to EN 45545-2
Oxygen index	>33% acc. to EN ISO 4589-2
Self-extinguishing	acc. to UL1696
Free of halogen und cadmium	
UV- and weathering resistant	

Color: Black



Approbation:

Reference standards:

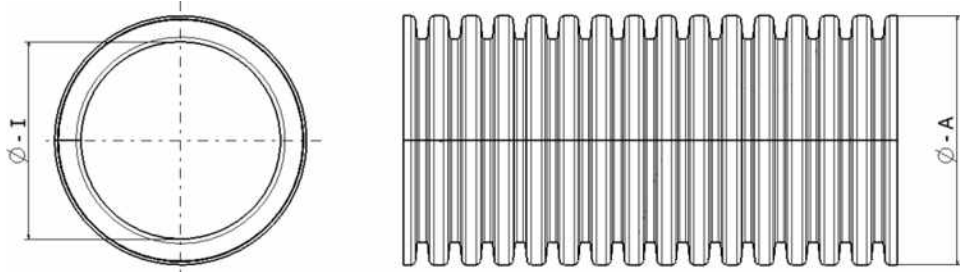
DIN EN 61386-1
DIN EN 61386-22
DIN EN 61386-23
EN 45545-2

Suitable glands: FIPLOCK® ONE

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	Profile
	NW	metrisch	innen	außen		
6180 3965	7	10	6,0	10,0	15	Fine
6180 3966	10	12	9,2	12,8	20	Fine
6180 3967	12	16	11,8	15,7	25	Fine
6180 3968	17	20	16,1	21,1	35	Coarse
6180 3969	23	25	22,0	28,5	40	Coarse
6180 3970	29	32	28,3	34,7	50	Coarse
6180 6971	36	40	35,8	42,3	60	Coarse
6180 6972	48	50	46,7	54,2	70	Coarse