

DATA SHEET	6180 3952
FIPLOCK® FPDF	Valid from: 28.03.2018

The cable protection conduit FIPLOCK® FPDF 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 170
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.

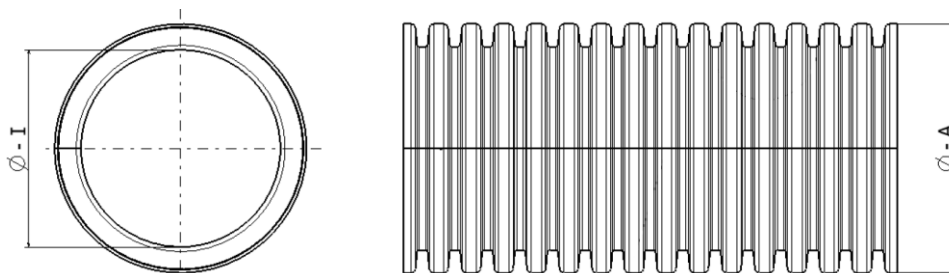
DATA SHEET

6180 3952

FIPLOCK® FPDF

Valid from:
28.03.2018

Product drawing:



Dimension table:

Part No.	Nominal size		Diameter mm		Max. Bending radius mm		Profile
	NW	metric	inner	outer	static	dynamic	
6180 3952	7	10	6,2	10,0	15	40	Fine
6180 3953	10	12	9,6	12,8	20	45	Fine
6180 3954	12	16	12,0	15,7	25	55	Fine
6180 3955	17	20	16,1	21,1	30	75	Coarse
6180 3956	23	25	22,0	28,5	40	90	Coarse
6180 3957	29	32	28,3	34,7	50	110	Coarse
6180 3958	36	40	36,6	42,3	55	170	Coarse
6180 3959	48	50	47,0	54,4	65	190	Coarse
6180 3960	56	68	56,3	67,2	100	250	Coarse
6180 3961	70	80	67,2	79,6	135	320	Coarse
6180 3962	95	106	91,3	106,0	150	420	Coarse
6180 3963	125	146	126,5	146,5	320	460	Coarse
6180 3964	170	193	172,0	193,0	440	620	Coarse