

<b>DATA SHEET</b>	6180 3908
<b>FIPLOCK® FPAF</b>	Valid from: 28.03.2018

The FIPLOCK® FPAF conduits are made from highly flame retarded specially modified Polyamide 6. It is suitable for cable protection applications where low fire hazard is mandatory. The excellent self-extinguishing and low smoke generation characteristics are main criterions for the selection of these products. With its good complementary mechanical performances this conduit suits technically high demanding applications such like rolling stock and public transport equipment in general.



**Material:**

PA6 MOD V0

**Technical features:**

Profile

Parallel corrugated

Nominal size

NW 7 up to NW 125

Temperature range

-45°C up to +120°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

>35% acc. to EN ISO 4589-2

Self-extinguishing

acc. to UL1696

Free of halogen und cadmium

UV- and weathering resistant

**Color:**

Black

Grey



**Approbation:**

**Reference standards:**

DIN EN 61386-1

DIN EN 61386-22

DIN EN 61386-23

EN 45545-2

**Suitable glands:**

FIPLOCK® ONE

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.

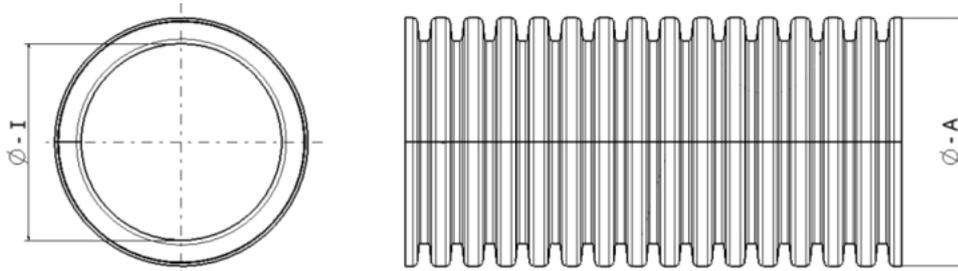
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## Product drawing:



## Dimension table:

Part No.	NW	Diameter mm		Max. Bending radius mm	Profile
		Ø-I	Ø-A		
<b>FIPLOCK® FPAF Black</b>					
6180 3908	7	6,2	10,0	15	Fine
6180 3909	10	9,6	12,8	20	Fine
6180 3910	12	12,0	15,7	30	Fine
6180 3911	17	16,1	21,1	35	Coarse
6180 3912	23	22,0	28,4	40	Coarse
6180 3913	29	28,3	34,5	50	Coarse
6180 3914	36	35,8	42,2	55	Coarse
6180 3915	48	46,7	53,8	65	Coarse
6180 3916	56	56,3	67,2	100	Coarse
6180 3917	70	67,2	79,6	130	Coarse
6180 3918	95	91,3	106,0	170	Coarse
6180 3919	125	126,5	146,5	380	Coarse
<b>FIPLOCK® FPAF Grey</b>					
6180 3920	7	6,2	10,0	15	Fine
6180 3921	10	9,6	12,8	20	Fine
6180 3922	12	12,0	15,7	30	Fine
6180 3923	17	16,1	21,1	35	Coarse
6180 3924	23	22,0	28,4	40	Coarse
6180 3925	29	28,3	34,5	50	Coarse
6180 3926	36	35,8	42,2	55	Coarse
6180 3927	48	46,7	53,8	65	Coarse
6180 3928	56	56,3	67,2	100	Coarse
6180 3929	70	67,2	79,6	130	Coarse
6180 3930	95	91,3	106,0	170	Coarse
6180 3931	125	126,5	146,5	380	Coarse