

TECHNICAL DATA SHEET

PMAFLEX - CYF - Corrugated Conduit

Flexible, medium-grade

PMA



Flexible conduit ideal for automotive applications



Applications:

- In automobile industry

Features & Benefits:

- Good flexibility
- Good impact strength also at low temperatures and dry conditions
- Self-extinguishing

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

- PMAFIX Pro, PMAFIX, PMA Smart Line fittings
- PMA accessories

Temperature range:

- -30°C ... +90°C continuous, +125°C short-term

Conforms to:

- NF R 13-903

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Black

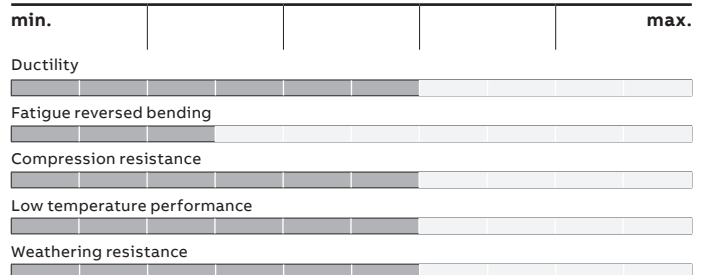
Chemical properties:

- Please refer to www.pma.ch
(Technical Information / Chemical Resistance)

Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

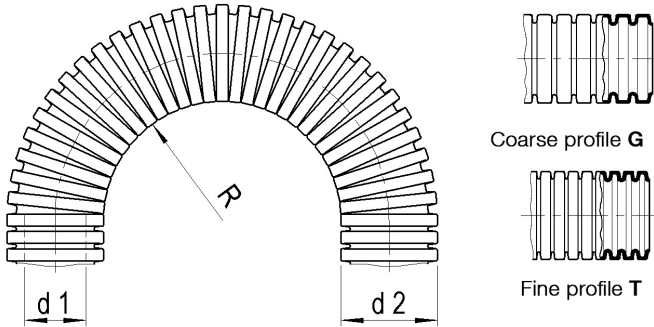
CYF-Index



Product selection:

Part no.	Profile	Conduit size		rec. fitting thread size		Dimensions in mm (nom.)			Weight kg/100 m	Packing unit metre
		NW	metric	PG	metric	d1	d2	stat. R		
CYFT-07B	T	7	10	7	M12x1.5	6.7	10.0	15	2.2	100
CYFT-10B	T	10	12	9	M12x1.5	9.7	12.8	20	2.8	100
CYFT-12B	T	12	16	11	M16x1.5	12.0	15.6	25	3.8	100
CYFT-17B	T	17	20	16	M20x1.5	16.6	21.1	35	6.0	100

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



stat R. : Lowest recommended bending radius for static (fixed) installation

Mechanical Properties:	Value:	Test parameters:	Test method:
Impact strength	> 6 J	(+23°C)	PMA DO 9.21-4330
Compression strength	> 175 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 350 N	(100 x 100 mm)	PMA DO 9.21-4320
Reverse bending resistance	> 15'000 cycles		PMA DO 9.21-4420
	> 40'000 cycles		PMA DO 9.21-4425
Pull-out resistance conduit - fitting series			
PMAFIX IP68	> 250 N		PMA DO 9.21-4610
PMAFIX IP66	> 200 N		PMA DO 9.21-4610

Note: Testing at 23°C, 50% r.h., conduit nominal width 17, unless otherwise stated

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	-30 ... +90°C		PMA DO 9.21-4510
Upper application temperature	+110°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+125°C	(168 h)	PMA DO 9.21-4360

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance		compliant	NF R 13-903

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