

TECHNICAL DATA SHEET

# PMAFLEX - CYFH - Corrugated Conduit

Flexible, heavy-duty



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

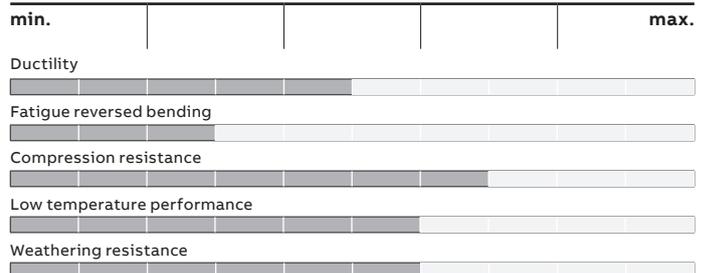
**Chemical properties:**

- Please refer to [www.pma.ch](http://www.pma.ch) (Technical Information / Chemical Resistance)

**Environmental properties:**

- Free from halogens and cadmium
- RoHS and REACH compliant

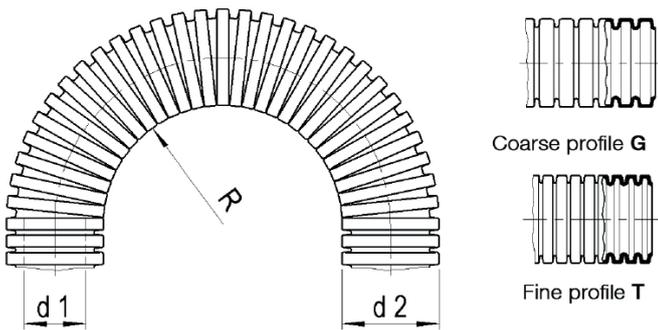
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**Product selection:**

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		
CYFHG-23B	G	23	25	21	M25x1.5	21.4	28.4	50	12.5	50
CYFHG-29B	G	29	32	29	M35x1.5	27.2	34.5	60	17.0	50
CYFHG-36B	G	36	40	36	M40x1.5	35.8	42.4	70	21.0	30
CYFHG-48B	G	48	50	48	M50x1.5	46.8	54.5	80	28.0	30

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	> 12 J	(+23°C)	PMA DO 9.21-4330
Compression strength	> 300 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 600 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	> 500 N		PMA DO 9.21-4610
PMAFIX IP66	> 400 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

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