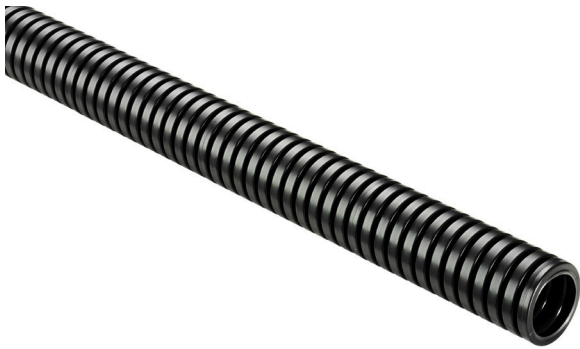


TECHNICAL DATA SHEET

EASIFLEX - CEL - Corrugated Conduit

Very flexible, light-grade

PMA



Very flexible conduit for general industrial applications

CE

Applications:

- General industrial applications

Features & Benefits:

- Very good flexibility
- Standard fine profile T

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

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

Temperature range:

- -40°C ... +105°C continuous, +160°C short-term

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Black

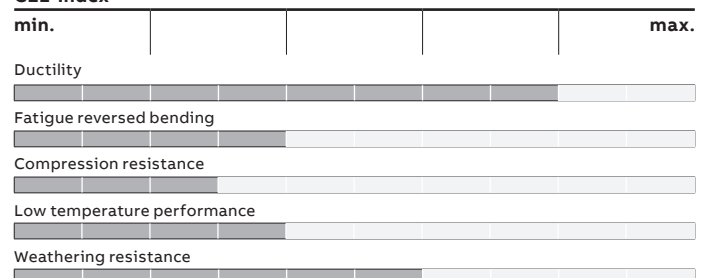
Chemical properties:

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

Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

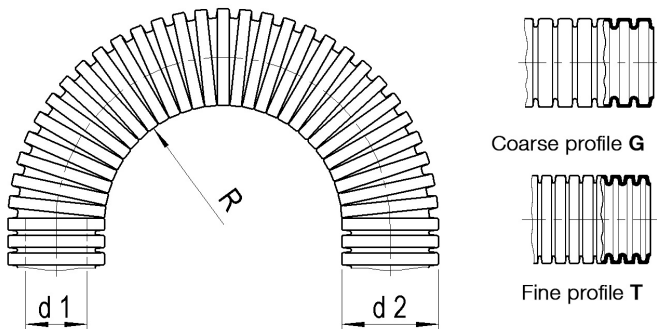
CEL-Index



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		
CELT-10B	T	10	12	9	M12x1.5	9.9	12.8	20	2.2	2000
CELT-12B	T	12	16	11	M16x1.5	12.3	15.6	25	3.0	1200
CELT-17B	T	17	20	16	M20x1.5	17.0	21.1	35	4.5	800
CELT-23B	T	23	25	21	M25x1.5	23.4	28.4	45	8.0	500
CELT-29B	T	29	32	29	M32x1.5	29.1	34.5	55	10.8	300
CELT-36B	T	36	40	36	M40x1.5	37.2	42.4	65	12.8	200
CELT-48B	T	48	50	48	M50x1.5	48.5	54.5	80	19.5	150

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	> 4.5 J	(23°C)	PMA DO 9.21-4330
Compression strength	> 140 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 280 N	(100 x 100 mm)	PMA DO 9.21-4320
	class 1		IEC EN 61386
Reverse bending resistance	> 25'000 cycles		PMA DO 9.21-4420
	> 50'000 cycles		PMA DO 9.21-4425
	> 5'000 cycles	(-45°C)	IEC EN 61386-23
Pull-out resistance conduit - fitting series			
PMAFIX IP68	> 210 N		PMA DO 9.21-4610
PMAFIX IP66	> 190 N		PMA DO 9.21-4610
PMA Smart Line	> 120 N		PMA DO 9.21-4610
PMA Smart Line, PMAFIX IP66 & IP68	class 1		IEC EN 61386

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	-40 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(5'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360

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