

PMA EcoGuard™ - RPPA - Corrugated Conduit

Very flexible, medium-grade, recycled content

PMA

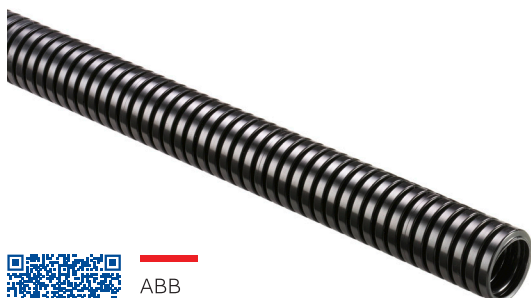


ABB
Eco
Solutions™

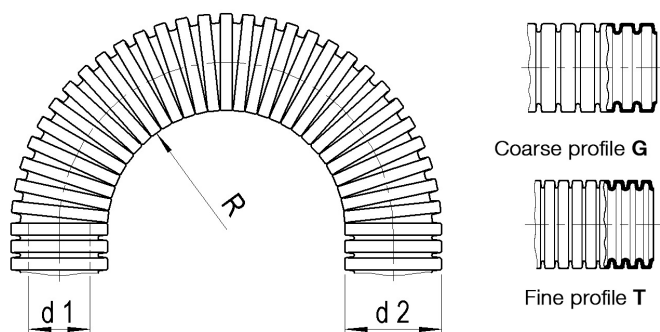
- 50% recycle-based content primarily sourced from discarded fishing nets
- 30% savings in CO2e emissions*
- Third-party verified Lifecycle Assessment (Type III)

[illegible]

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		
RPPAT-10B.50	T	10	12	9	M12 x 1.5	9.8	12.8	20	2.8	50
RPPAT-12B.50	T	12	16	11	M16 x 1.5	12.1	15.6	25	3.8	50
RPPAT-17B.50	T	17	20	16	M20 x 1.5	16.8	21.1	35	5.7	50
RPPAT-23B.50	T	23	25	21	M25 x 1.5	23.2	28.4	45	9.9	50
RPPAT-29B.50	T	29	32	29	M32 x 1.5	28.8	34.5	55	13.3	50
RPPAT-36B.30	T	36	40	36	M40 x 1.5	36.7	42.4	65	16.0	30
RPPAT-48B.30	T	48	50	48	M50 x 1.5	48.2	54.5	80	22.8	30

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



stat. R. = min. 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
	> 12.2 J	(-18°C)	UL 1696 / CSA C22.2 Nr. 227.3
	class 3, > 2 J	(-45°C)	IEC EN 61386
	class 4, > 6 J	(-15°C)	IEC EN 61386
	class 5, > 10 J	(+23°C)	IEC EN 61386
Compression strength	> 150 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 300 N	(100 x 100 mm)	PMA DO 9.21-4320
	class 1		IEC EN 61386
Resistance to fatigue	> 25'000 cycles		PMA DO 9.21-4420
	> 50'000 cycles		PMA DO 9.21-4425
	class 3 (pliable)	(-45°C)	IEC EN 61386-22
	class 3 (flexible 5000 cycles)	(-25°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	> 150 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 ... +95°C		PMA DO 9.21-4510
Upper application temperature	+110°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360
Application temperature range	-18 ... +95°C		UL 1696 / CSA C22.2 Nr. 227.3
Application temperature range	-40 ... +95°C		IEC EN 61386

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance	non flame-propagating		IEC EN 61386

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