

TECHNICAL DATA SHEET

PMA EcoGuard - BFH-RP - System Support

One-piece, with safety lid, recycled content

PMA



Presenting PMA EcoGuard™ PA6

- 50% recycled-based content primarily sourced from discarded fishing nets



Applications:

- In machine building and installation applications

Features & Benefits:

- One-piece construction
- Very high impact resistance
- Optimal axial strain relief due to integrated rib
- Suitable for overhead installations due to safety lid
- High retention forces
- Quick mounting due to single hole fixing
- Very good chemical properties
- Fits both conduit profiles - fine (T) and coarse (G)

Materials:

- Recycle-based polyamide 6
- High-grade, specially formulated polyamide 6

Compatible with:

- PMA EcoGuard Conduits
- PMAFLEX Pro Conduits
- PMAFLEX Multilayer Conduits
- PMAFLEX Conduits
- PMA Smart Line Conduits

Sustainability:

- 50% recycle-based content primarily sourced from discarded fishing nets

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Black

Chemical properties:

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

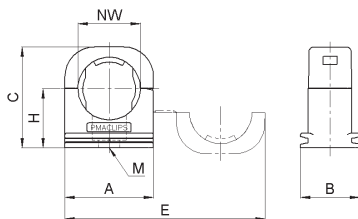
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Conduit size		Dimensions in mm (nom.)					Weight	Packing unit
			d4	E	A	B	C		
black	NW	H						kg/100 pcs	pcs/PU
BFH-10-RP	10	15.5	M5	47.5	20.5	20.0	24.5	0.3	100
BFH-12-RP	12	16.5	M5	54.5	24.0	20.0	27.0	0.4	100
BFH-17-RP	17	20.0	M6	68.0	30.0	20.0	34.0	0.6	100
BFH-23-RP	23	24.0	M6	85.0	38.5	20.0	42.0	0.9	100
BFH-29-RP	29	27.0	M6	99.0	45.5	20.0	48.0	1.1	100
BFH-36-RP	36	31.0	M6	119.0	55.5	20.0	56.0	1.5	50
BFH-48-RP	48	37.0	M6	143.0	67.5	20.0	68.0	1.9	20

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



Mechanical Properties:	Value:	Test parameters:	Test method:
Tensile modulus	1'200 ... 3'700 N/mm ²		ISO 527
Tensile strength	45 ... 65 N/mm ²		ISO 527
Notched bar impact test	4 ... 20 kJ/m ²		ISO 180/1C

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	-50 ... +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

Content of delivery:

- BFH-RP, System support

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Together. **abb.com**

Assembly instructions:

- Please consider the appropriate assembly instructions on www.pma.ch

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