

TECHNICAL DATA SHEET

PMA Divisible System - PPCOF - Corrugated Conduit

Flexible, medium-duty, IP40

PMA



Divisible conduit ideal for retrofit and repairs

CE

Applications:

- In machine building and plant construction

Features & Benefits:

- Easy installation and reopening if necessary
- PMA standard nominal widths can be used in combination with all PMA fittings and accessories
- Trouble-Free retrofitting
- Applicable also for repairs
- Self-extinguishing

Materials:

- Specially modified polypropylene PP

Compatible with:

- BLNO-M divisible fittings
- BLN-M divisible locknuts
- All standard PMA fittings and accessories

Temperature range:

- -20°C ... +105°C continuous, +150°C short-term

Weathering resistance:

- 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

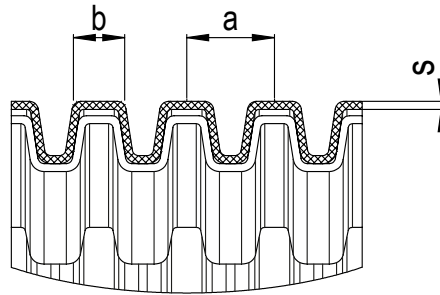
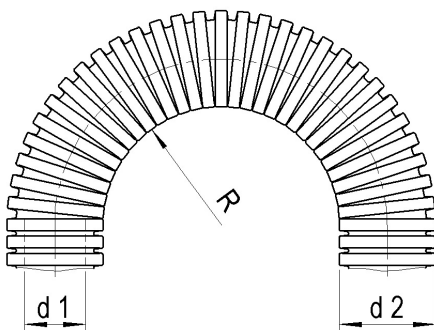
PPCOF-Index

min.											max.
Ductility											
Fatigue reversed bending											
Compression resistance											
Low temperature performance											
Weathering resistance											

Product selection:

Part no.	Conduit size		fits to		rec. fitting thread size	Dimensions in mm (nom.)						Weight kg/100 m	Packing unit metre
	black	NW	metric	system support		PMA fittings for NW	d1	d2	stat. R	a	b		
PPCOF-07B	7	10	BFH-07-0	7	M12x1.5	5.6	10.0	25	3.2	2.0	0.15	1.9	50
PPCOF-10B	10	12	BFH-10-0	10	M12x1.5	8.5	12.8	28	3.6	2.2	0.15	2.8	50
PPCOF-12B	12	16	BFH-12-0	12	M16x1.5	11.0	15.6	35	3.5	2.1	0.15	3.7	50
PPCOF-17B	17	20	BFH-17-0	17	M20x1.5	15.1	21.1	45	4.1	2.6	0.15	5.6	50
PPCOF-23B	23	25	BFH-23-0	23	M25x1.5	22.1	28.4	60	4.0	2.3	0.20	9.5	50
PPCOF-29B	29	32	BFH-29-0	29	M32x1.5	26.6	34.5	100	4.0	2.5	0.20	12.8	50
PPCOF-36B	36	40	BFH-36-0	36	M40x1.5	31.8	42.4	120	8.2	5.0	0.25	15.0	30
PPCOF-48B	48	50	BFH-48-0	48	M50x1.5	43.9	54.5	140	7.0	4.8	0.30	22.5	30
PPCOF-70B	70	80	-	PMAGRIP flange NW70	-	60.5	78.0	200	8.6	5.1	0.25	44.0	10

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		PMA DO 9.21-4330
Compression strength	> 180 N		PMA DO 9.21-4320
Pull-out resistance conduit - fitting seriesfitting:			
Connector type - BLNO	> 125 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	-20 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(3'000 h)	
Short-term	+150°C	(500 h)	

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance	V2		UL 94

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