

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](http://www.pma.ch)  
(Technical Information / Chemical Resistance)

**Environmental properties:**

- Free from halogens and cadmium
- RoHS and REACH compliant

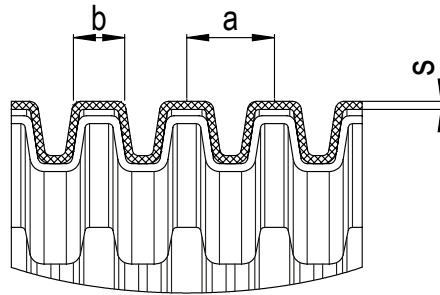
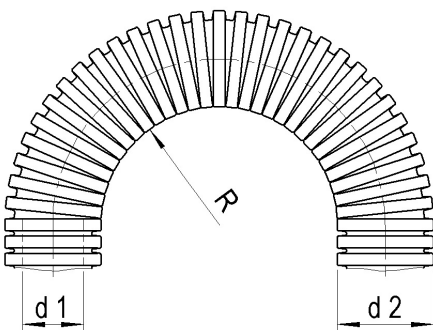
**PPCOF-Index**

	min.									max.
Ductility	[Progressive bar chart from min to max]									
Fatigue reversed bending	[Progressive bar chart from min to max]									
Compression resistance	[Progressive bar chart from min to max]									
Low temperature performance	[Progressive bar chart from min to max]									
Weathering resistance	[Progressive bar chart from min to max]									

**Product selection:**

Part no.	Conduit size		fits to		rec. fitting thread size	Dimensions in mm (nom.)						Weight kg/100 m	Packing unit metre
	NW	metric	system support	PMA fittings for NW		d1	d2	stat. R	a	b	s min.		
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

ABB Switzerland Ltd,  
PMA Cable Protection  
Aathalstrasse 90  
8610 Uster, Switzerland  
Phone: +41 58 585 00 11  
pma-info@ch.abb.com  
www.pma.ch

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