

TECHNICAL DATA SHEET

PMA OXC - JLLPA - Over-extruded Conduit

Flexible, heavy-duty

PMA



Flexible, smooth over-extruded conduit for applications with cleaning requirements



Applications:

- For static applications in machine building, installation and construction industries
- For general applications with cleaning requirements

Features & Benefits:

- Smooth outer layer
- For easy cleaning
- Flexibility in combination with high strength
- Good resistance to chemicals and cleaning agents
- Corrosion free
- Self-extinguishing

Materials:

- Conduit: High-grade, specially formulated polyamide 6
- Overextrusion: modified polyamide 6

Compatible with:

- PMAFIX Pro fittings

Temperature range:

- -18°C ... +105°C continuous

Conforms to:

- UL Recognition according to UL 1696 (file E80294)

Weathering resistance:

- Very good UV resistance and weathering characteristics

Colour:

- Corrugated conduit: black
- Overextrusion: black

Chemical properties:

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

Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

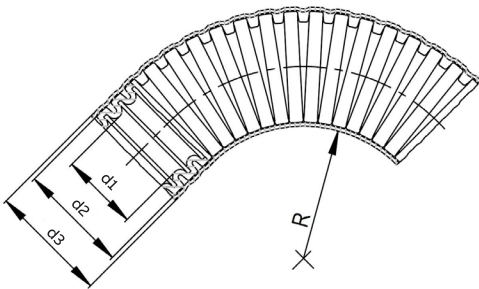
JLLPA-Index

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

Product selection:

Part no.	Conduit size		Dimensions in mm (nom.)				Weight kg/100 m	Packing unit metre	
	black	NW	metric	d1	d2	d3			stat. R
JLLPA-12A		12	16	12.1	15.6	15.8	40	4.7	50
JLLPAG-17A		17	20	15.8	21.1	21.2	55	7.4	50
JLLPAG-23A		23	25	21.9	28.4	28.5	75	11.4	50
JLLPAG-29A		29	32	27.8	34.5	34.7	90	15.4	50
JLLPAG-36A		36	40	36.1	42.4	42.6	110	18.6	30
JLLPAG-48A		48	50	46.9	54.5	54.6	140	27.4	30

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:
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
Compression strength	> 500 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 1000 N	(100 x 100 mm)	PMA DO 9.21-4320
Resistance to fatigue	> 5'000 cycles		PMA DO 9.21-4420
	> 10'000 cycles		PMA DO 9.21-4425
Pull-out resistance			
PMAFIX Pro	> 300 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	-40 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360
Application temperature range	-18 ... +105°C		UL 1696 / CSA C22.2 Nr. 227.3

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