
 TECHNICAL DATA SHEET

PMAFIX IP67 - TFIL-F - Fitting

Straight, fine metric female thread

PMA



IP67, polyamide fitting for flexible non-metallic conduit



Applications:

- For cable protection systems in a wide range of applications

Features & Benefits:

- Easy installation: simple push fit assembly
- Very high impact resistance
- Vibration-proof connection to PMA conduits
- High conduit pull-out strength
- Can be easily re-opened with a screwdriver
- Very good chemical properties
- Fits both conduit profiles - fine (T) and coarse (G)

Ingress protection:

- IP67 stat. / IP65 dyn.

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

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

Colour:

- Transparent

Chemical properties:

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

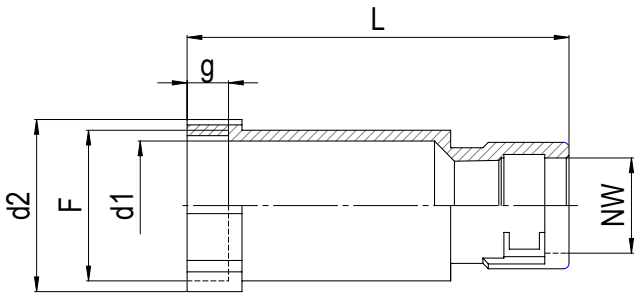
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Thread size	Conduit size	Dimensions in mm (nom.)				Weight	Packing unit
			g	L	d1	d2		
transparent	metric	NW	g	L	d1	d2	kg/100 pcs	pcs/PU
TFIL-F08M	M8 x 1.0	7	6.5	29.5	7.0	18.0	0.4	100
TFIL-F12M	M12 x 1.0	7	6.0	56.0	11.0	17.0	0.6	100
TFIL-F18M	M18 x 1.0	7	6.0	56.5	17.0	23.5	0.7	100
TFIL-F30M	M30 x 1.5	7	6.0	56.5	28.5	36.0	1.2	100
TFIL-F120	M12 x 1.0	10	6.0	57.0	11.0	20.0	0.6	50
TFIL-F180	M18 x 1.0	10	6.0	57.0	17.0	23.5	0.7	50
TFIL-F300	M30 x 1.5	10	6.0	57.0	28.5	36.0	1.3	50

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
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Vibration and shock standard	Cat. 2		IEC 61373, IEC 60068-2-27 / -64

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

Content of delivery:

- Fitting with conduit locking clip (OVN2)
- Conduit gasket (NFN3)

Assembly instructions:

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

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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