

Flexible, heavy-duty

PMA



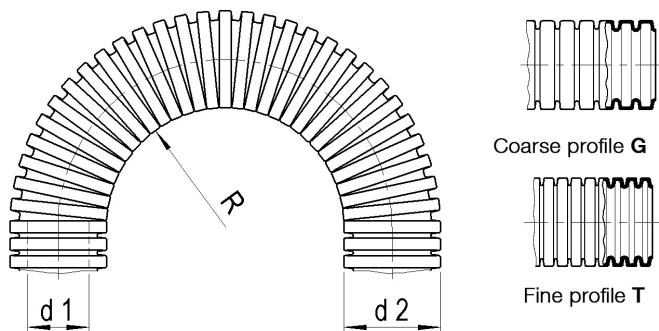
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Product selection:

Part no.		Profile	Conduit size		rec. fitting thread size		Dimensions in mm (nom.)			Weight	Packing unit
black	grey	T/G	NW	metric	PG	metric	d1	d2	stat. R	kg/100 m	metre
VAMT-07B	VAMT-07S	T	7	10	7	M12x1.5	6.6	10.0	20	2.5	50
VAMT-10B	VAMT-10S	T	10	12	9	M12x1.5	9.6	12.8	25	3.3	50
VAMT-12B	VAMT-12S	T	12	16	11	M16x1.5	12.0	15.6	30	4.4	50
VAMT-17B	VAMT-17S	T	17	20	16	M20x1.5	16.6	21.1	40	7.5	50
VAMT-23B	VAMT-23S	T	23	25	21	M25x1.5	23.0	28.4	50	12.5	50
VAMT-29B	VAMT-29S	T	29	32	29	M32x1.5	28.7	34.5	60	16.0	50
VAMG-17B	VAMG-17S	G	17	20	16	M20x1.5	15.5	21.1	45	8.0	50
VAMG-23B	VAMG-23S	G	23	25	21	M25x1.5	21.6	28.4	60	12.5	50
VAMG-29B	VAMG-29S	G	29	32	29	M32x1.5	27.6	34.5	70	16.0	50
VAMG-36B	VAMG-36S	G	36	40	36	M40x1.5	35.8	42.4	85	20.5	30
VAMG-48B	VAMG-48S	G	48	50	48	M50x1.5	46.6	54.5	110	27.0	30

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



stat. R. = lowest recommended bending radius for static (fixed) installation

Mechanical Properties:	Value:	Test parameters:	Test method:
Impact strength	> 13 J	(+23°C)	PMA DO 9.21-4330
	class 3, > 2 J	(-45°C)	IEC EN 61386
	class 4, > 6 J	(-15°C)	IEC EN 61386
	class 5, > 20 J	(+23°C)	IEC EN 61386
Compression strength	> 350 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 700 N	(100 x 100 mm)	PMA DO 9.21-4320
	class 3		IEC EN 61386
Reverse bending resistance	> 10'000 cycles		PMA DO 9.21-4420
	> 20'000 cycles		PMA DO 9.21-4425
	> 5'000 cycles	(-5°C)	IEC EN 61386-23
	pliable	(-45°C)	IEC EN 61386-22
Pull-out resistance conduit - fitting series			
PMAFIX Pro			PMA DO 9.21-4610
PMAFIX IP68	> 500 N		PMA DO 9.21-4610
PMAFIX IP66	> 450 N		PMA DO 9.21-4610
PMAFIX Pro, PMAFIX IP66 & IP68	class 2		IEC EN 61386

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	-45 ... +105°C		IEC EN 61386

Fire safety properties:	Value:	Test parameters:	Test method:
Fire performance	non flame-propagating		IEC EN 61386
Fire hazard level	HL3		EN 45545-2 (R22)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 150 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 0.75 CIT _{NLP}		NF X 70-100-1/-2: (600°C)
Fire hazard level	HL3		EN 45545-2 (R23)
Oxygen index	> 32 %		EN ISO 4589-2
Smoke density	< 300 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 1.5 CIT _{NLP}		NF X 70-100-1/-2: (600°C)
Fire performance NFPA 130:			NFPA 130
- Flammability	compliant		ASTM E 162
- Smoke density	compliant		ASTM E 662
Heat and visible smoke	28.51 MJ/kg		ASTM E 1354
Smoke emission toxicity	compliant		Bombardier SMP 800-C
Smoke emission toxicity	compliant		Boeing BSS 7239

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