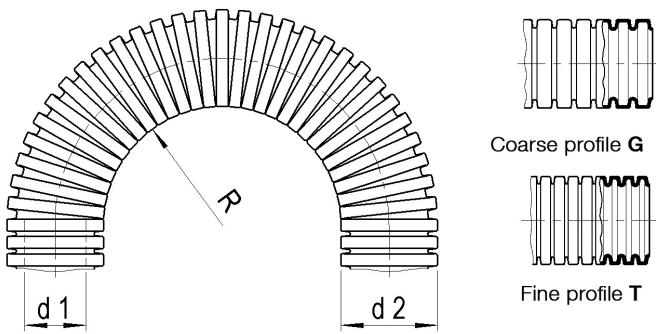


Product selection:

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	dyn. R.	kg/100 m	metre
PCSLT-07B	PCSLT-07S	T	7	10	7	M12x1.5	6.5	10.0	15	35	2.2	50
PCSLT-10B	PCSLT-10S	T	10	12	9	M12x1.5	9.7	12.8	20	45	2.8	50
PCSLT-12B	PCSLT-12S	T	12	16	11	M16x1.5	12.0	15.6	25	55	3.8	50
PCSLT-17B	PCSLT-17S	T	17	20	16	M20x1.5	16.5	21.1	35	75	5.7	50
PCSLG-17B	PCSLG-17S	G	17	20	16	M20x1.5	15.7	21.1	35	75	6.3	50
PCSLG-23B	PCSLG-23S	G	23	25	21	M25x1.5	21.8	28.4	45	100	9.9	50
PCSLG-29B	PCSLG-29S	G	29	32	29	M32x1.5	27.6	34.5	55	120	13.3	50
PCSLG-36B	PCSLG-36S	G	36	40	36	M40x1.5	36.3	42.4	65	150	16.0	30
PCSLG-48B	PCSLG-48S	G	48	50	48	M50x1.5	47.3	54.5	85	190	22.8	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

dyn. R. = lowest recommended bending radius for dynamic (flexible) installation

Mechanical Properties:	Value:	Test parameters:	Test method:
Impact strength	> 5 J	(+23°C)	PMA DO 9.21-4330
	> 12.2 J	(-18°C)	CSA C22.2 Nr. 227.3
	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	> 175 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 350 N	(100 x 100 mm)	PMA DO 9.21-4320
	class 1		IEC EN 61386
Reverse bending resistance	> 1'000'000 cycles		PMA DO 9.21-4420
	> 4'000'000 cycles		PMA DO 9.21-4425
	> 5'000 cycles	(-45°C)	IEC EN 61386-23
Pull-out resistance conduit - fitting series			
PMAFIX Pro	> 320 N		PMA DO 9.21-4610
PMAFIX IP68	> 300 N		PMA DO 9.21-4610
PMAFIX IP66	> 200 N		PMA DO 9.21-4610
PMAFIX Pro, PMAFIX IP66 & IP68	class 1		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	-50 ... +95°C		PMA DO 9.21-4510
Upper application temperature	+110°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+150°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	HL2		EN 45545-2 (R22)
Oxygen index	> 28 %		EN ISO 4589-2
Smoke density	< 300 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 0.9 CIT _{NLP}		NF X 70-100-1/-2: (600°C)
Fire hazard level	HL2		EN 45545-2 (R23)
Oxygen index	> 28 %		EN ISO 4589-2
Smoke density	< 600 Ds max.		EN ISO 5659-2 (25 kW/m ²)
Toxicity	< 1.8 CIT _{NLP}		NF X 70-100-1/-2: (600°C)

Note: Requirement sets (R22 & R23) apply for conduit sizes up to and including NW48

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