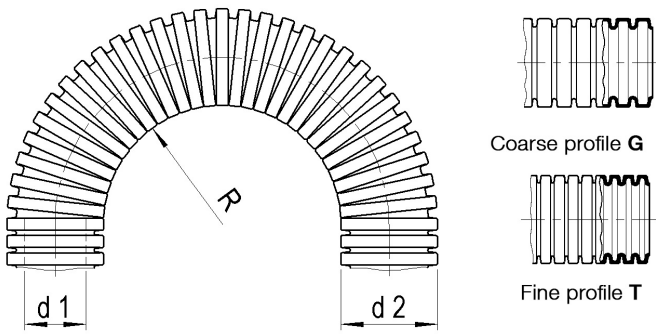


Product selection:

Part no.	Profile	Conduit size		rec. fitting thread size		Dimensions in mm (nom.)				Weight kg/100 m	Packing unit metre
		NW	metric	PG	metric	d1	d2	stat. R	dyn. R.		
black	T/G										
XPCST-10BG	T	10	12	9	M12x1.5	9.8	12.8	20	50	2.8	50
XPCST-12BG	T	12	16	11	M16x1.5	12.1	15.6	25	65	3.8	50
XPCST-17BG	T	17	20	16	M20x1.5	16.5	21.1	35	85	5.7	50
XPCSG-17BG	G	17	20	16	M20x1.5	15.8	21.1	35	85	6.3	50
XPCSG-23BG	G	23	25	21	M25x1.5	21.9	28.4	45	110	9.9	50
XPCSG-29BG	G	29	32	29	M32x1.5	27.7	34.5	55	135	13.3	50
XPCSG-36BG	G	36	40	36	M40x1.5	36.6	42.4	65	170	16.0	30
XPCSG-48BG	G	48	50	48	M50x1.5	47.5	54.5	85	220	22.8	30
XPCSG-56BG	G	56	68	-	-	56.7	67.5	110	270	33.0	30
XPCSG-70BG	G	70	80	-	-	67.5	79.0	130	320	46.0	10
XPCSG-95BG	G	95	106	-	-	91.6	106.0	170	430	66.0	10
XPCSG-125BG	G	125	146	-	-	125.5	144.5	230	580	85.0	6

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

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

Mechanical Properties:	Value:	Test parameters:	Test method:
Impact strength	> 6 J	(+23°C)	PMA DO 9.21-4330
	> 12.2 J	(-18°C)	CSA C22.2 Nr. 227.3 / UL 1696
	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	> 270 N	(50 x 50 mm)	PMA DO 9.21-4320
	> 540 N	(100 x 100 mm)	PMA DO 9.21-4320
	class 2		IEC EN 61386
Resistance to fatigue	> 5'000 cycles	(-45°C)	IEC EN 61386-23
	1'000'000 cycles	Jumper cable test	TSSC-EC-TP00061
Pull-out resistance conduit - fitting series			
PMAFIX Pro	> 460 N		PMA DO 9.21-4610
PMAFIX IP68	> 430 N		PMA DO 9.21-4610
PMAFIX IP66	> 380 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	-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)
Fire performance NFPA 130:			NFPA 130
- Flammability	compliant		ASTM E 162
- Smoke density	compliant		ASTM E 662
Heat and visible smoke	23.22 MJ/kg		ASTM E 1354
Smoke emission toxicity	compliant		Bombardier SMP 800-C
Smoke emission toxicity	compliant		Boeing BSS 7239

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

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

Let's write the future.
Together. **abb.com**

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB Installation Products Inc. does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB Inc. Copyright© 2019 ABB Installation Products Inc. All rights reserved

