



Type EW-PAB



Product information

The EW-PAB cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The EW-PAB cable protection conduits feature excellent crush resistance, self-extinguish extremely well and produce very low levels of smoke gas. For static applications involving medium to high mechanical loads.

Applications:

- Building technologies
- Mechanical engineering
- Plant engineering

Information, conformities and approvals



Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PAB-06	83162250	Black	✓				6.9	10	23/-	2.1	50
EW-PAB-M12/P9	83162254	Black	✓	M12	PG09	NW 10	9.6	12.9	26/-	2.6	50
EW-PAB M12/P09,83980290 Oktabin 1)		Black	✓	M12	PG09	NW 10	9.6	12.9	26/-	2.6	1000
EW-PAB M12/P9, 83980258 500m 1)		Black	✓	M12	PG09	NW 10	9.6	12.9	26/-	2.6	500
EW-PAB M16/P11	83162256	Black	✓	M16	PG11	NW 12	11.9	15.8	38/-	3.4	50
EW-PAB M16/P11, 83980259 500m 1)		Black	✓	M16	PG11	NW 12	11.9	15.8	38/-	3.4	500
EW-PAB M16/P11, 83988288 Oktabin 1)		Black	✓	M16	PG11	NW 12	11.9	15.8	38/-	3.4	2200
EW-PAB M20/ P16S	83162260	Black	✓	M20	PG16	NW 17	16.8	21	56/-	6.3	50
EW-PAB M20/P16	83162258	Black	✓	M20	PG16	NW 17	15.6	21.1	56/-	6.3	50
EW-PAB M20/ P16, 500m 1)**)	83980260	Black	✓	M20	PG16	NW 17	15.6	21.1	56/-	6.3	500
EW-PAB-M25/ P21S	83162462	Black	✓	M25	PG21	NW 23	23.1	28.3	64/-	8.7	50
EW-PAB-M25/P2183162262		Black	✓	M25	PG21	NW 23	21.7	28.5	64/-	9.6	50



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Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PAB M32/ P29S	83162466	Black	✓	M32	PG29	NW 29	28.5	34.5	77/-	12.5	25
EW-PAB M32/P2983162266		Black	✓	M32	PG29	NW 29	27.8	34.6	77/-	12.5	25
EW-PAB M40/ P36	83162268	Black	✓	M40	PG36	NW 36	35.5	42.5	91/-	15.0	25
EW-PAB M50/ P48	83162270	Black	✓	M50	PG48	NW 48	46.8	54.3	117/-	20.0	25
EW-PAB 56	83162276	Black	✓			NW 56	56.3	70	160/-	38.5	25
EW-PAB 70	83162278	Black	✓			NW 70	67	80	200/-	46.0	25
EW-PAB 95	83162282	Black	✓			NW 95	89.5	106	265/-	88.0	10
EW-PAB M12/P9	83162214	Gray	✗	M12	PG09	NW 10	9.6	12.9	26/-	2.6	50
EW-PAB M16/P11	83162216	Gray	✗	M16	PG11	NW 12	11.9	15.8	38/-	3.4	50
EW-PAB M20/ P16S	83162220	Gray	✗	M20	PG16	NW 17	16.8	21	56/-	6.3	50
EW-PAB M25/ P21S	83162422	Gray	✗	M25	PG21	NW 23	23.1	28.3	64/-	8.7	50
EW-PAB M25/P21	83162222	Gray	✗	M25	PG21	NW 23	21.7	28.5	64/-	8.7	50
EW-PAB M32/ P29S	83162426	Gray	✗	M32	PG29	NW 29	28.5	34.5	77/-	12.5	25
EW-PAB M32/P2983162226		Gray	✗	M32	PG29	NW 29	27.8	34.6	77/-	12.5	25
EW-PAB M40/ P36	83162228	Gray	✗	M40	PG36	NW 36	35.5	42.5	91/-	15.0	25
EW-PAB M50/ P48	83162230	Gray	✗	M50	PG48	NW 48	46.8	54.3	117/-	20.0	25
EW-PAB 70	83162238	Gray	✗			NW 70	67	80	200/-	46.0	25
EW-PAB 95	83162242	Gray	✗			NW 95	89.5	106	265/-	88.0	10

1) No stock goods, delivery time and minimum order quantities upon request
2) With CSA approval

1**) no UR-approval

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Material properties



mod. polyamide PA 6



High angle consistency

>330 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
>560 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>11000 Cycles According to IEC EN 61386 M25/P21 Testing at -25 °C



Impact strength

3 According to IEC EN 61386 M25/P21 Testing at -25 °C



System tear-out strength

>540 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

Thermal properties



Temperature / temperature range

-45 °C - 120 °C / short term: 160 °C

Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0.61 NF X 70-100-1/-2 600°C (1112 °F)
Ds (max.) R22 / R23 HL3 :68 ISO 5659-2 (25 KW/m²)
LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2



Fire properties as per NFPA

ASTM E 162
ASTM E 1354
ASTM E 662
Boeing BSS 7239
Boeing BSS 7242
Bombardier SMP 800-C

Chemical resistances



Resistant to:

Alcohol
Mineral oils
Greases
Fuels



Type EW-PAB

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

Conformity



RoHS (EC Directive 2011/65/EU)



ECE 324 R 118

Approvals and operating permits



EU railway approval



cURus approval

Classification

ETIM 9: EC001175
ECLASS 14: 27430305
UNSPSC 26.0801: 39131601

General information



Made in Germany