



# Type EW-PAB-LS



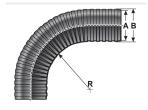
#### **Product information**

The EW-PAB-LS cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The EW-PAB-LS cable protection conduits feature excellent crush resistance, selfextinguish extremely well and produce very low levels of smoke gas. With their slit design, the conduits are ideally suited for retrofitting, repairs or for pre-assembled cables.

For static applications involving medium to high mechanical loads.

#### Applications:

- Building technologies
- Mechanical engineering
- Plant engineering
- Subsequent installation possible





## 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-LS-M12/83164854 P09	Black	✓	M12	PG09	NW 10	9.6	12.9	26/-	2.9	50
EW-PAB-LS M16/ 83980120 P11 Murrflex, sw	Black	✓	M16	PG11	NW 12	11.9	15.7	38/-	38.0	50
EW-PAB-LS M20/83164858 P16 Murrflex, sw 2) 1)	Black	✓	M20	PG16	NW 17	15.5	21	56/-	6.8	50
EW-PAB-LS M32/83164866 P29	Black	✓	M32	PG29	NW 29	27.8	34.6	77/-	12.5	25
EW-PAB-LS M50/83164870 P48 1) 1) No stock goods, delivery time and mi	Black	✓	M50	PG48	NW 48	46.8	54.3	117/-	20.0	25

#### Material properties



mod. polyamide PA 6 ||



High angle consistency>220 N>380 N50 x 50 mm100 x 100 mm According to IEC EN 61386According to IEC EN 61386 M25/P21M25/P21 Testing at 23 °CTesting at 23 °C

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<sup>2)</sup> Discontinued product!

<sup>1)</sup> No stock goods, delivery time and minimum order quantities upon request





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### Material properties



Flexural fatigue strength>1200 ~According to IEC EN 61386 M25/P21 Testing at -25  $^{\circ}$ C



Impact strength4 According to IEC EN 61386 M25/P21 Testing at -25  $^{\circ}$ C



System tear-out strength>400 NAccording to IEC EN 61386 M25/P21 Testing at 23  $^{\circ}\text{C}$  Fitting SVT

#### Thermal properties



Temperature / temperature range -40  $^{\circ}$ C - 120  $^{\circ}$ C / short term: 160  $^{\circ}$ C

#### Fire properties



Fire classificationacc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2C.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 : $\geq$  32 % ISO 4589-2



Fire properties as per NFPAASTM E 162ASTM E 1354ASTM E 662Boeing BSS 7239Boeing BSS 7242Bombardier SMP 800-C

#### Chemical resistances



Resistant to: AlcoholMineral oils Greases Fuels

#### Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

### Conformity



RoHS (EC Directive 2011/65/EU)

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## Conformity



ECE 324 R 118

### Approvals and operating permits



EU railway approval

## Classification



ETIM 9: EC001175 || eClass 14: 27430305 || UNSPSC: 39131601 ||

#### **General information**



Made in Germany

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.