



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, self-extinguish 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



Material properties



mod. polyamide PA 6



High angle consistency

>220 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
>380 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>1200 Cycles According to IEC EN 61386 M25/P21 Testing at -25 °C



Impact strength

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



System tear-out strength

>400 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting SVT



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Thermal properties



Temperature / temperature range

-40 °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

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

Conformity



RoHS (EC Directive 2011/65/EU)



ECE 324 R 118



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Approvals and operating permits



EU railway approval

Classification

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

General information



Made in Germany