Multi-sectional Split-Flex cable protection conduit

Type EWT-PAT split-flex®

PRODUCT INFORMATION
The EWT-PAT cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphorus and cadmium-free. The EWT-PAT cable protection conduits feature excellent crush resistance, self-extinguish very well and produce very low levels of smoke gas. For static applications involving medium to high mechanical loads. The EWT-PAT cable protection conduits consist of a two-piece slotted conduit system and feature the following advantages:
- Cable protection conduits can be opened and closed at any time.
- Mounting of pre-assembled cables
- Retrofitting or repair in mechanical and plant engineering

Specification:
- EN 45545-2:2013 3x HL3
- Fire test according to UL1696

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Colour</th>
<th>A Ø mm</th>
<th>B Ø mm</th>
<th>R stat. mm</th>
<th>Weight kg/100m</th>
<th>Pack m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard corrugation</td>
<td>83165156</td>
<td>Black</td>
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<td>21.20</td>
<td>120.00</td>
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<td>28.50</td>
<td>170.00</td>
<td>16.00</td>
<td>50</td>
</tr>
</tbody>
</table>

MATERIAL PROPERTIES

- Mod. polyamide PA 6

MECHANICAL PROPERTIES

- Crush resistance: > 1000 N; Testing method: In conformity with IEC EN 61386
- Flexural fatigue strength: > 1200 N; Testing method: In conformity with IEC EN 61386

THERMAL PROPERTIES

- Temperature / temperature range: -40 – 120 °C transient / short term 180 °C
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FIRE BEHAVIOUR

Fire classification
V2 self-extinguishing
S4

Smoke emission class
F2 NF F 16-101

Flammability classification
I2 NF F 16-101

Fire behaviour in accordance with DIN EN 45545-2:2016-02
C.I.T. R22 / R23 HL3 = 0,52
LOI R22 / R23 HL3 = 33,1
Ds (max.) R22 / R23 HL3 = 101

APPROVALS AND OPERATING PERMITS

Railway EU approval
EN 45545-2 : 2016 Stufe 3x HL3 (R22/R23)

TECHNICAL INFORMATION

Halogen-free
DIN 53474

CONFORMITY

RoHS (EC Directive 202/95/EC)

GENERAL INFORMATION

Made in Germany

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