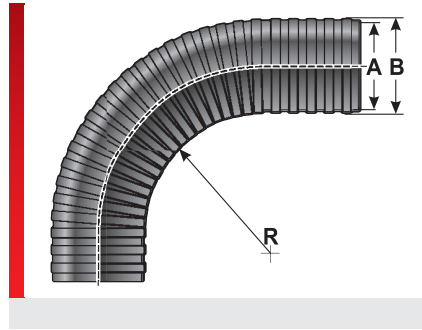


## Type EWT-PAT split-flex®



Cable protection conduit open

### PRODUCT INFORMATION

The EWT-PAT cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor 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

|  |   |
|--|---|
|  | Mod. polyamide PA 6                                 |
|  | In conformity with IEC EN 61386<br>:> 1000 N        |
|  | In conformity with IEC EN 61386<br>Cycles: > 1200 ~ |
|  | -40 – 120 °C transient / short term<br>180 °C       |
|  | V2 self-extinguishing<br>S4                         |

**HF**

RoHS

EU

Made in Germany

| Type                        | Order No. | Colour | A Ø mm | B Ø mm | R stat. mm | Weight kg/100m | Pack m |
|-----------------------------|-----------|--------|--------|--------|------------|----------------|--------|
| <b>Standard corrugation</b> |           |        |        |        |            |                |        |
| EWT-PAT M10/P7              | 83165151  | Black  | 5.70   | 11.50  | 70.00      | 3.70           | 50     |
| EWT-PAT M12/P9              | 83165152  | Black  | 7.90   | 12.90  | 75.00      | 4.60           | 50     |
| EWT-PAT M16/P11             | 83165154  | Black  | 10.00  | 16.20  | 100.00     | 7.20           | 50     |
| EWT-PAT M20/P16             | 83165156  | Black  | 16.60  | 21.20  | 120.00     | 11.00          | 50     |
| EWT-PAT M25/P21             | 83165158  | Black  | 22.40  | 28.50  | 170.00     | 16.00          | 50     |
| EWT-PAT M32/P29             | 83165160  | Black  | 25.00  | 34.20  | 180.00     | 21.00          | 25     |
| EWT-PAT M40/P36             | 83165162  | Black  | 32.30  | 43.50  | 200.00     | 29.30          | 25     |
| EWT-PAT M50/P48             | 83165164  | Black  | 44.00  | 53.30  | 240.00     | 37.80          | 25     |

### MATERIAL PROPERTIES

- Mod. polyamide PA 6
- :> 1000 N; Testing method: In conformity with IEC EN 61386
- Flexural fatigue strength**  
Cycles: > 1200 ~; Testing method: In conformity with IEC EN 61386

### THERMAL PROPERTIES

- Temperature / temperature range**  
-40 – 120 °C transient / short term 180 °C

## Type EWT-PAT split-flex®

### 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 as per DIN EN 45545-2 : 2013 Rev. 2016**

C.I.T. R22 / R23 HL3 = 0,52

LOI R22 / R23 HL3 = 33,1

Ds (max.) R22 / R23 HL3 = 101

### TECHNICAL INFORMATION

**Halogen-free**

DIN 53474

### CONFORMITY

**RoHS (EC Directive 2011/65/EU)**

### APPROVALS AND OPERATING PERMITS

**Railway EU approval**

EN 45545-2 : 2016 R22 HL2 / R23 HL3

**Made in Germany**

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