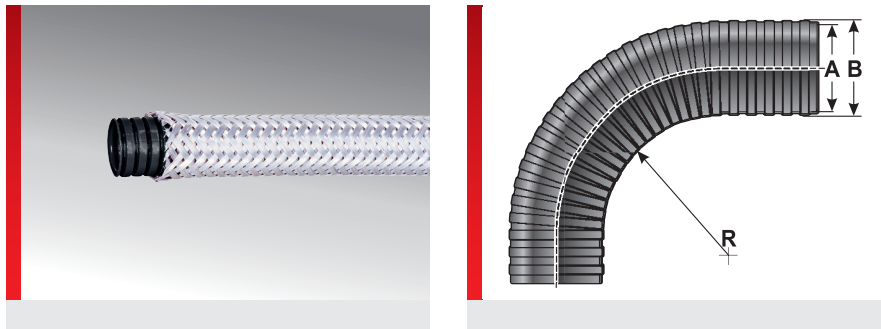


## Type EW-PATM (with metal braiding)



Cable protection conduit closed

### PRODUCT INFORMATION

The EW-PATM cable protection conduits are made of specially modified polyamide 6 and coated with a galvanised steel wire. The materials are halogen, phosphor and cadmium-free.







The EWL-PATM cable protection conduits feature good crush resistance, excellent thermal and mechanical protection, self-extinguish well and produce very low levels of

smoke gas. Therefore it is suitable for use in both rail transport systems and exposed layouts in building service applications. For static applications involving medium to high mechanical loads.

Specification:

- EN 45545-2 3x HL3

### SPECIFICATIONS


-  According to IEC EN 61386  
Crush resistance: > 1300 N
-  According to IEC EN 61386  
Cycles: > 1200 ~
-  According to IEC EN 61386  
Tier: 3
-  According to IEC EN 61386  
System tear-out strength: 500 N
-  -40 – 120 °C short term 160 °C
-  acc. to UL94 V2 self-extinguishing S4



Type	Order No.	Colour	A Ø mm	B Ø mm	Weight kg/100m	MOQ m
EW-PATM-M25/P21	83142016	Black	22.40	30.00	36.00	50
EW-PATM-M40/P36	83142020	Black	36.00	44.50	50.00	25

 **High angle consistency**  
Crush resistance: > 1300 N; Testing method: According to IEC EN 61386; Test value: M25/P21

 **Flexural fatigue strength**  
Cycles: > 1200 ~; Testing method: According to IEC EN 61386; Test value: M20/P16

 **Impact strength**  
Tier: 3; Testing method: According to IEC EN 61386; Test value: M20/P16

 **System tear-out strength**  
System tear-out strength: 500 N; Testing method: According to IEC EN 61386; Test value: M20/P16

### THERMAL PROPERTIES

 **Temperature / temperature range**  
-40 – 120 °C short term 160 °C

## Type EW-PATM (with metal braiding)



### Fire classification

acc. to UL94 V2 self-extinguishing  
S4

### Smoke emission class

F2, NF F 16-101

### Flammability classification

I2, NF F 16-101

### Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 = 00:52

LOI R22 / R23 HL3 = 33,1 %

Ds (max.) R22 / R23 HL3 = 101

## TECHNICAL INFORMATION



### Halogen-free

DIN 53474



UV-resistant acc. to ISO 4892-2

## CONFORMITY



RoHS (EC Directive 2011/65/EU)

## APPROVALS AND OPERATING PERMITS



### EU railway approval

EN 45545-2 R22/R23 3x HL3



Made in Germany

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