



Type EW-PATM (with metal braiding)



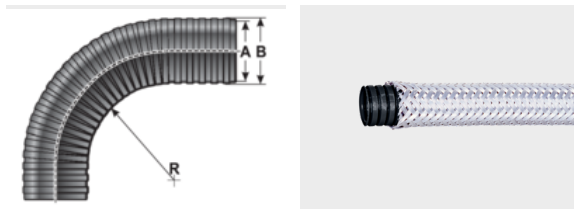
Product information

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.

Information, conformities and approvals



Article	Order No.	Color	UV	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PATM-M25/P21 1)	83142016	Black	✓	22.4	30	64/-	36.0	50
EW-PATM-M40/P36 1)	83142020	Black	✓	36	44.5	91/-	50.0	25

1) Discontinued product!

1) Discontinued product!

Material properties



High angle consistency

>1300 N According to IEC EN 61386 M25/P21
N



Flexural fatigue strength

>1200 Cycles According to IEC EN 61386 M20/P16



Impact strength

3 According to IEC EN 61386 M20/P16



System tear-out strength

500 N According to IEC EN 61386 M20/P16



Type EW-PATM (with metal braiding)

Thermal properties



Temperature / temperature range

-40 °C - 120 °C / short term: 160 °C

Fire properties



Fire classification

acc. to UL94: V2 self-extinguishing



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,52 NF X 70-100-1/-2 600°C (1112 °F)

LOI R22 / R23 HL3 :33,1 % ISO 4589-2

Ds (max.) R22 / R23 HL3 :101 ISO 5659-2 (25 KW/m²)

Chemical resistances



Resistant to:

Alcohol
Mineral oils
Greases
Fuels

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval

Classification

ETIM 9: EC001175

ECLASS 14: 27430305



Type EW-PATM (with metal braiding)

General information



Made in Germany