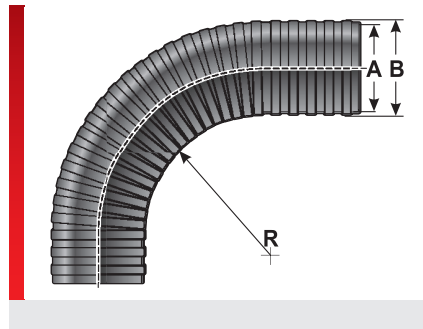
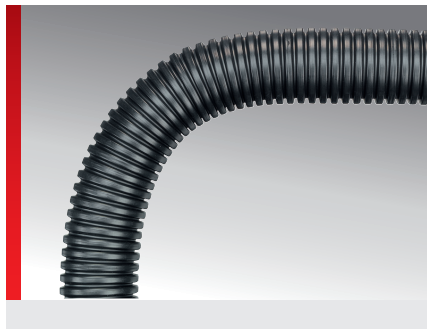


EW-PA-EX



Cable protection conduit closed

PRODUCT INFORMATION

The EW-PA-EX cable protection conduits are made of specially modified polyamide 12 a high discharge capacity. The material is halogen, phosphor and cadmium-free.

The EW-PA-EX cable protection conduits meet the ATEX 94/9/EG directive; they are characterised by a high discharge capacity for static electricity combined with excellent flexibility. With the proper earth connection they are suitable for potent dust explosion

zones 20, 21 and 22, as well as in areas with zones 0,1 and 2 gas explosion risks (independent of the explosion rating group of the gases present).

These EW-PA-EX conduit properties make them the perfect choice for industrial handling systems and robotics applications and in all areas where antistatic (ESD protection) equipment is required (mining, refineries, chemical industry).

SPECIFICATIONS

- Mod. polyamide PA 12
- In conformity with IEC EN 61386
Crush resistance: > 400 N
- In conformity with IEC EN 61386
Cycles: > 1000000 ~
- In conformity with IEC EN 61386
Tier: 4
- 40 – 110 °C transient / short term
150 °C
- i.a.w. UL94 HB

HF
 RoHS
 Ex
 Made in Germany

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
Standard corrugation								
EW-PA-EX-M16/P11	83163654	Black	11.80	15.70	20.00	60.00	3.40	50
EW-PA-EX-M20/P16	83163656	Black	15.60	21.00	25.00	80.00	5.30	50
EW-PA-EX-M25/P21	83163658	Black	21.80	28.30	35.00	95.00	9.00	50
EW-PA-EX-M32/P29	83163660	Black	27.60	34.30	50.00	125.00	12.20	25
EW-PA-EX-M40/P36	83163662	Black	35.00	42.40	60.00	170.00	16.30	25
EW-PA-EX-M50/P48	83163664	Black	47.00	53.90	75.00	210.00	22.30	25
EW-PA-EX-70 Jumbo ¹⁾	83163666	Black	66.20	78.80	160.00	350.00	48.00	25
EW-PA-EX-95 Jumbo ¹⁾	83163668	Black	90.00	105.50	210.00	450.00	77.00	10

¹⁾No stock goods, delivery time and minimum order quantities upon request

MATERIAL PROPERTIES

- Mod. polyamide PA 12
- High angle consistency**
Crush resistance: > 400 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21
- Flexural fatigue strength**
Cycles: > 1000000 ~; Testing method: In conformity with IEC EN 61386; Test value: M25/P21
- Impact strength**
Tier: 4; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

Type EW-PA-EX

THERMAL PROPERTIES

**Temperature / temperature range**

-40 – 110 °C transient / short term 150 °C

FIRE BEHAVIOUR

**Fire classification**

i.a.w. UL94 HB

TECHNICAL INFORMATION

**Halogen-free**

DIN 53474

CONFORMITY



RoHS (EC Directive 2011/65/EC)

APPROVALS AND OPERATING PERMITS



EX-approval



ROBI approval



Made in Germany

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