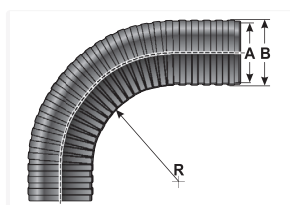




Type EW-PA-EX



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.

EW-PA-EX cable protection conduits meet the electrostatic requirements for conductive materials when earthed. At the same time, they offer outstanding flexibility. With appropriate earthing they can be used in dust explosion hazardous areas of Zone 20, 21 and 22 as well as in gas explosion hazardous areas of Zone 0, 1 and 2 (independent of the explosion group of the existing gas).

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).

Color: Black

Information, conformities and approvals



Article	Order No.	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EW-PA-EX-M16/P11	83163654	11.8	15.7	20	60	3.4	50
EW-PA-EX-M20/P16	83163656	15.6	21	25	80	5.3	50
EW-PA-EX-M25/P21	83163658	21.8	28.3	35	95	9.0	50
EW-PA-EX-M32/P29	83163660	27.6	34.3	50	125	12.2	25
EW-PA-EX-M40/P36	83163662	35	42.4	60	170	16.3	25
EW-PA-EX-M50/P48	83163664	47	53.9	75	210	22.3	25
EW-PA-EX-70 Jumbo ¹⁾	83163666	66.2	78.8	160	350	48.0	25
EW-PA-EX-95 Jumbo ¹⁾	83163668	90	105.5	210	450	89.0	10

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



Type EW-PA-EX

Material properties



mod. polyamide PA 12



High angle consistency >400 N According to IEC EN 61386 M25/P21



Flexural fatigue strength >1000000 ~ According to IEC EN 61386 M25/P21



Impact strength 4 According to IEC EN 61386 M25/P21

Thermal properties



Temperature / temperature range -40 °C – 110 °C
short termshort term: 150 °C

Fire properties



Fire classification acc. to UL94: HB

Chemical resistance



Resistant to: Alcohol, Mineral oils, Greases, Fuels

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EX approval



ROBI approval

General information



Made in Germany