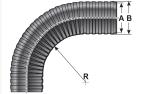




# Type EW-PA-EX







### **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











83163654 83163656	11.8	15.7				
	11.8	15.7				
0.216.2626			20	60	3.4	50
03103030	15.6	21	25	80	5.3	50
83163658	21.8	28.3	35	95	9.0	50
83163660	27.6	34.3	50	125	12.2	25
83163662	35	42.4	60	170	16.3	25
83163664	47	53.9	75	210	22.3	25
83163666	66.2	78.8	160	350	48.0	25
83163668	90	105.5	210	450	89.0	10
	83163660 83163662 83163664 83163666	83163660 27.6 83163662 35 83163664 47 83163666 66.2	83163660 27.6 34.3   83163662 35 42.4   83163664 47 53.9   83163666 66.2 78.8	83163660 27.6 34.3 50   83163662 35 42.4 60   83163664 47 53.9 75   83163666 66.2 78.8 160	83163660 27.6 34.3 50 125   83163662 35 42.4 60 170   83163664 47 53.9 75 210   83163666 66.2 78.8 160 350	83163660 27.6 34.3 50 125 12.2   83163662 35 42.4 60 170 16.3   83163664 47 53.9 75 210 22.3   83163666 66.2 78.8 160 350 48.0

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# 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

## Fire properties



Fire classification acc. to UL94: HB

#### **Technical information**



Halogen-free

## Approvals and operating permits



EX approval



ROBI approval

## Thermal properties



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

#### Chemical resistance



Resistant to: Alcohol, Mineral oils, Greases, Fuels

#### Conformity



RoHS (EC Directive 2011/65/EU)

#### General information



Made in Germany

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