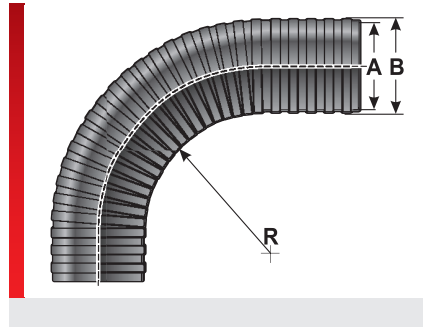
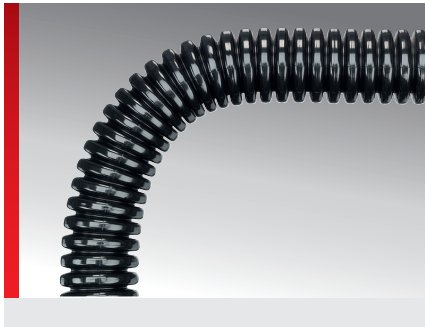


Type EWX-PAE (high corrugation)



Cable protection conduit closed

PRODUCT INFORMATION

The EWX-PAE cable protection conduits are made of specially modified polyamide 12. The material is halogen, phosphor and cadmium-free.

With its excellent flexural fatigue strength, this product is ideal for robotics engineering and in the area of handling systems. For extremely dynamic applications involving medium to high mechanical loads.

The EWX-PAE cable protection conduits have a higher corrugation and feature the following advantages:

- Very good flexibility
- Excellent flexural fatigue strength
- Less wear
- Good crush resistance

SPECIFICATIONS

- mod. polyamide PA 12
- According to IEC EN 61386
Crush resistance: > 1200 N
- According to IEC EN 61386
Cycles: > 5000000 ~
- According to IEC EN 61386
Tier: 4
- According to IEC EN 61386
System tear-out strength: > 100 N
- 40 – 120 °C short term 150 °C
- acc. to UL94 HB

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
High corrugation								
EWX-PAE-M25/P21	83182058	Black	18.20	28.10	49.00	104.00	13.00	50
EWX-PAE-M32/P29	83182060	Black	22.80	34.10	57.00	117.00	22.00	25
EWX-PAE-M40/P36	83182062	Black	28.70	42.40	71.00	146.00	28.00	25
EWX-PAE-M50/P48	83182064	Black	36.70	53.50	87.00	167.00	36.00	25
EWX-PAE-56 Jumbo	83182078	Black	52.20	67.70	95.00	220.00	40.00	25
EWX-PAE-70 Jumbo	83182080	Black	64.00	80.30	115.00	235.00	56.00	25
EWX-PAE-70 Jumbo	83182084	Black	64.00	80.30	115.00	235.00	52.00	110
EWX-PAE-80 Jumbo	83182081	Black	76.00	92.80	195.00	380.00	66.00	15
EWX-PAE-95 Jumbo	83182082	Black	88.20	105.50	220.00	450.00	92.50	10
EWX-PAE-M25/P21 ¹⁾	83182018	Grey	18.20	28.10	49.00	104.00	11.00	50
EWX-PAE-M32/P29	83182020	Grey	22.80	34.10	57.00	117.00	22.00	25
EWX-PAE-M40/P36 ¹⁾	83182022	Grey	28.70	42.40	71.00	146.00	28.00	25
EWX-PAE-M50/P48 ¹⁾	83182024	Grey	36.70	53.50	87.00	167.00	36.00	25
EWX-PAE-70 Jumbo ¹⁾	83182040	Grey	64.00	80.30	115.00	235.00	56.00	25

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

Type EWX-PAE (high corrugation)

MATERIAL PROPERTIES



mod. polyamide PA 12



High angle consistency

Crush resistance: > 1200 N; Testing method: According to IEC EN 61386; Test value: M25/P21



Flexural fatigue strength

Cycles: > 5000000 ~; Testing method: According to IEC EN 61386; Test value: M25/P21



Impact strength

Tier: 4; Testing method: According to IEC EN 61386; Test value: M25/P21



System tear-out strength

System tear-out strength: > 100 N; Testing method: According to IEC EN 61386; Test value: M25/P21

THERMAL PROPERTIES



Temperature / temperature range

-40 – 120 °C short term 150 °C

FIRE PROPERTIES



Fire classification

acc. to UL94 HB

TECHNICAL INFORMATION



Halogen-free

DIN 53474



UV-resistant acc. to ISO 4892-2

Wir empfehlen die Farbe Schwarz

CONFORMITY



RoHS (EC Directive 2011/65/EU)

APPROVALS AND OPERATING PERMITS



ROBI approval



Made in Germany

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