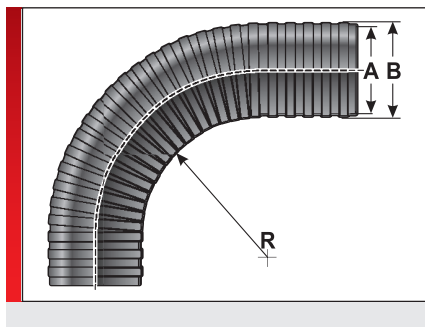
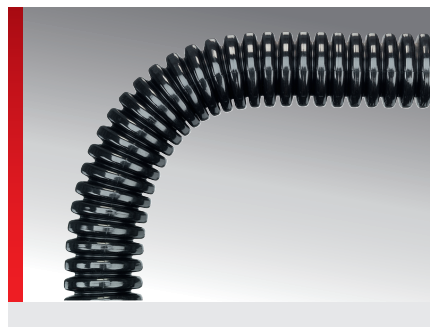


Type EWX-PAE (high corrugation)



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 robot technology 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
	In conformity with IEC EN 61386 > 1200 N
	> 5000000 ~ In conformity with IEC EN 61386
	4 In conformity with IEC EN 61386
	> 100 N In conformity with IEC EN 61386
	-40 – 120 °C transient / short term 150 °C
	HF
	RoHS
	Made in Germany

Type	Order No.	Colour	A Ø mm	B Ø mm	Nominal widths NW	Size range 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 95 Jumbo	83182082	Black	88.20	105.50			220.00	450.00	92.50	10
EWX-PAE M25/P21	83182018	Grey	18.20	28.10			49.00	104.00	13.00	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 ²⁾	83182024	Grey	36.70	53.50			87.00	167.00	36.00	25
EWX-PAE 70 Jumbo ³⁾	83182040	Grey	64.00	80.30			115.00	235.00	56.00	25
¹⁾ Min. order quantity 200 m										
²⁾ Min. order quantity 125 m										
³⁾ Min. order quantity 150m										

MATERIAL PROPERTIES



Mod. polyamide PA 12

Type EWX-PAE (high corrugation)

MECHANICAL PROPERTIES



Crush resistance

Crush resistance: > 1200 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21



Flexural fatigue strength

Cycles: > 5000000 ~; 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



System tear-out strength

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

THERMAL PROPERTIES



Temperature / temperature range

-40 – 120 °C transient / short term 150 °C

FIRE BEHAVIOUR



Fire classification

HB

APPROVALS AND OPERATING PERMITS



ROBI approval

TECHNICAL INFORMATION



Halogen-free

DIN 53474

CONFORMITY



RoHS (EC Directive 2002/95/EC)

GENERAL INFORMATION



Made in Germany

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