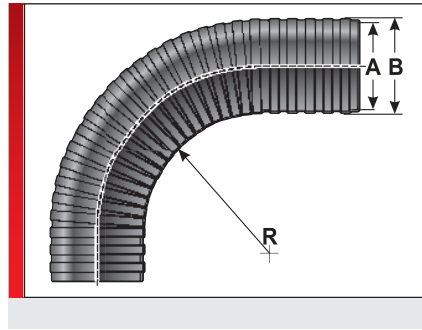


Type EWX-PAE-LS (high corrugation)



Cable protection conduit open

PRODUCT INFORMATION

The EWX-PAE-LS 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 installation of pre-assembled cables, retrofitting or repair of cables. For dynamic applications

involving light to medium mechanical loads. The EWX-PAE-LS cable protection conduits have a higher corrugation and feature the following advantages:

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

SPECIFICATIONS

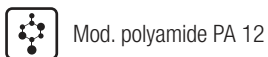
	Mod. polyamide PA 12
	> 5000000 ~ In conformity with IEC EN 61386
	4 In conformity with IEC EN 61386
	-40 – 120 °C transient / short term 150 °C
	HB



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-LS M20/P16	83182256	Black	13.30	21.10			36.00	77.00	6.00	50
EWX-PAE-LS M25/P21	83182258	Black	19.20	28.20			49.00	104.00	11.00	50
EWX-PAE-LS M32/P29	83182260	Black	23.10	34.50			57.00	117.00	14.00	25
EWX-PAE-LS M40/P36	83182262	Black	28.50	42.20			71.00	146.00	18.20	25
EWX-PAE-LS M50/P48	83182264	Black	36.50	53.60			87.00	167.00	24.00	25
EWX-PAE-LS 56 Jumbo ¹⁾	83182278	Black	51.70	67.70			95.00	220.00	45.00	25
EWX-PAE-LS 70 Jumbo	83182280	Black	64.30	80.30			115.00	235.00	55.00	25

¹⁾ Min. order quantity 100 m

MATERIAL PROPERTIES



MECHANICAL PROPERTIES

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

Type EWX-PAE-LS (high corrugation)

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 202/95/EC)

GENERAL INFORMATION



Made in Germany

All details given in our sales material prospectuses and catalogues as well as the information available online are based on our current knowledge of the products described.

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