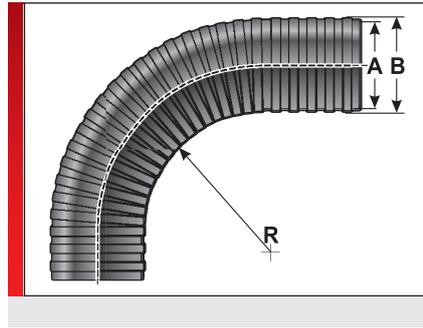


Type EWX-PAE-LS (high corrugation)



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

Mod. polyamide PA 12

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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