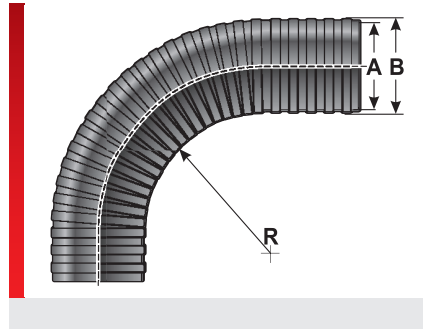
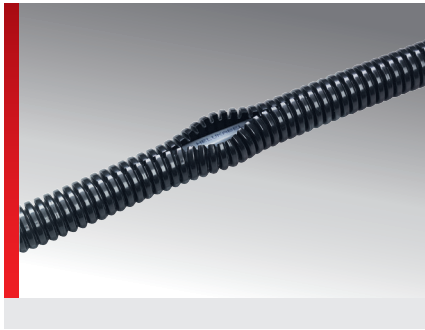


Type EWX-PAE-LS (high corrugation)



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 |
| | -40 – 120 °C transient / short term 150 °C |
| | HB |
| | > 5000000 ~ In conformity with IEC EN 61386 |
| | 4 In conformity with IEC EN 61386 |



| 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-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 100m

MATERIAL PROPERTIES

Mod. polyamide PA 12

THERMAL PROPERTIES

Temperature / temperature range
-40 – 120 °C 150 °C

FIRE BEHAVIOUR

Fire classification
HB

Type EWX-PAE-LS (high corrugation)

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

APPROVALS AND OPERATING PERMITS



ROBI approval

TECHNICAL INFORMATION



Halogen-free

DIN 53474



UV-resistant

CONFORMITY



RoHS (EC Directive 2002/95/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.

The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described.

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