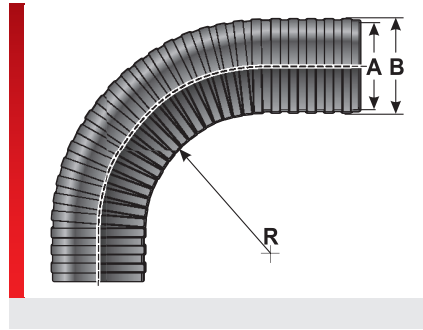


## EWX-PAE-LS (high corrugation)



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
- In conformity with IEC EN 61386  
Cycles: > 5000000 ~
- In conformity with IEC EN 61386  
Tier: 4
- 40 – 120 °C transient / short term  
150 °C
- i.a.w. UL94 HB

HF
 UV
 RoHS
 Made in Germany

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
<b>High corrugation</b>								
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 <sup>1)</sup>	83182278	Black	51.70	67.70	95.00	220.00	40.00	25
EWX-PAE-LS-70 Jumbo	83182280	Black	64.30	80.30	115.00	235.00	52.00	25

<sup>1)</sup> No stock goods, delivery time and minimum order quantities upon request

### MATERIAL PROPERTIES

- Mod. polyamide PA 12
- 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

### THERMAL PROPERTIES

- Temperature / temperature range**  
-40 – 120 °C transient / short term 150 °C

## Type EWX-PAE-LS (high corrugation)

### FIRE BEHAVIOUR



**Fire classification**  
i.a.w. UL94 HB

### TECHNICAL INFORMATION



**Halogen-free**  
DIN 53474



**UV-resistant**  
Wir empfehlen die Farbe Schwarz

### CONFORMITY



**RoHS (EC Directive 2011/65/EC)**

### APPROVALS AND OPERATING PERMITS



**ROBI approval**



**Made in Germany**

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

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