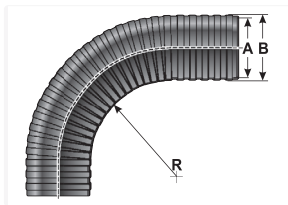




Type EWX-PAE-LS (high corrugation)



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 robotics engineering 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

Color: Black

UV: 1

Information, conformities and approvals



Article	Order No.	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EWX-PAE-LS-M20/P16	83182256	13.3	21.1	36	77	6.0	50
EWX-PAE-LS-M25/P21	83182258	19.2	28.2	49	104	11.0	50
EWX-PAE-LS-M32/P29	83182260	23.1	34.5	57	117	14.0	25
EWX-PAE-LS-M40/P36	83182262	28.5	42.2	71	146	18.2	25
EWX-PAE-LS-M50/P48	83182264	36.5	53.6	87	167	24.0	25
EWX-PAE-LS-56 Jumbo	83182278	51.7	67.7	95	220	40.0	25
EWX-PAE-LS-70 Jumbo	83182280	64.3	80.3	115	235	52.0	25



Type EWX-PAE-LS (high corrugation)

Material properties



mod. polyamide PA 12



Flexural fatigue strength >5000000 ~
According to IEC EN 61386 M25/P21



Impact strength 4 According
to IEC EN 61386 M25/P21

Thermal properties



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

Fire properties



Fire classification acc. to
UL94: HB

Chemical resistance



Resistant to: Alcohol, Greases, Fu-
els, Lyes, Mineral oils, Weak acids

Technical information



Halogen-free



UV-resistant acc. to ISO
4892-2

Conformity



RoHS (EC Directive
2011/65/EU)

Approvals and operating permits



ROBI approval



ECOLAB approval

General information



Made in Germany