



Type EWX-HY-LS (high corrugation)



Product information

The EWX-HY-LS cable protection conduits are made of specially modified thermoplastic elastomer. 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-HY-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



Information, conformities and approvals



Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EWX-HY-LS-M25/83122258 P21		Black	✓	M25	PG21	NW 23	19.8	28.1	49/104	11.5	50
EWX-HY-LS-M32/83122260 P29		Black	✓	M32	PG29	NW 29	24.1	34.5	57/117	17.5	25
EWX-HY-LS-M40/P36	83122262	Black	✓	M40	PG36	NW 36	29.7	42.1	71/146	22.0	25
EWX-HY-LS-M50/P48	83122264	Black	✓	M50	PG48	NW 48	38	54.1	87/167	29.5	25
EWX-HY-LS-56 Jumbo 1)	83122278	Black	✓			NW 56	52	68	95/220	45.0	25
EWX-HY-LS-70 Jumbo 1)	83122282	Black	✓			NW 70	64	80	115/235	63.0	25

1) No stock goods, delivery time and minimum order quantities upon request

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Material properties



Thermoplastic elastomer



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High angle consistency

>260 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
>470 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>100000 Cycles According to IEC EN 61386 M32/P29



System tear-out strength

>360 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting SVT/X

Thermal properties



Temperature / temperature range

-45 °C - 160 °C / short term: 180 °C

Fire properties



Fire classification

acc. to UL94: HB

Chemical resistances



Resistant to:

Alcohol
Greases
Fuels
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



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Classification

ETIM 9: EC001175
ECLASS 14: 27430305

General information



Made in Germany