



Type EWX-HY (high corrugation)



Product information

The EWX-HY cable protection conduits are made of specially modified thermoplastic elastomer. The material is halogen, phosphor and cadmium-free and is also heat and hydrolysis stabilised.

The EWX-HY cable protection conduits are characterised by outstanding flexibility, flexural fatigue strength and good crush resistance. With its excellent flexural fatigue strength, this product is ideal for use in handling systems and robotics engineering.

For dynamic applications involving low to medium mechanical loads.

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-M25/P2183121258		Black	✓	M25	PG21	NW 23	18.65	28	49/104	11.5	50
EWX-HY-M32/P29	83121260	Black	✓	M32	PG29	NW 29	22.1	34.5	57/117	15.5	25
EWX-HY-M40/P36	83121262	Black	✓	M40	PG36	NW 36	28.5	42	71/146	22.0	25
EWX-HY-M50/P48	83121264	Black	✓	M50	PG48	NW 48	36.5	53.6	87/167	30.4	25
EWX-HY-56 Jumbo	83121278	Black	✓			NW 56	53	67.8	95/220	45.0	25
EWX-HY-70 Jumbo	83121280	Black	✓			NW 70	64.4	80.5	140/330	63.0	25
EWX-HY-95 Jumbo	83121282	Black	✓			NW 95	91	105.5	150/400	89.0	10

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

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Material properties

Thermoplastic elastomer



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Material properties



High angle consistency

>900 N According to IEC EN 61386 M25/P21
< N



Flexural fatigue strength

>1000000 Cycles According to IEC EN 61386 M32/P29

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

Approvals and operating permits



ROBI approval

Classification

ETIM 9: EC001175
ECLASS 14: 27430305



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General information



Made in Germany