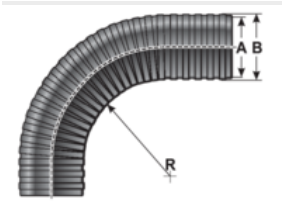
Type EWX-HY (high corrugation)



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

HF · UV · Made in Germany

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/P21	83121258	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 1)	83121282	Black	✓			NW 95	91	105.5	150/400	89.0	10

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

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

Material properties

Thermoplastic elastomer

Type EWX-HY (high corrugation)

Material properties

High angle consistency

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

Flexural fatigue strength

>1000000 CyclesAccording 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

Type EWX-HY (high corrugation)

General information

Made in Germany

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.
The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described.
A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information.
All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge.
They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose.
Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information.
Murrplastik accepts no liability for damage caused as a result of using our products.
Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services.
Our General Terms and Conditions apply.