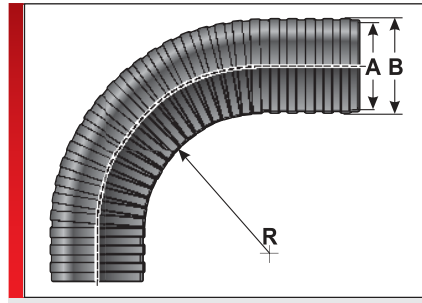


## Type EWX-HY (high corrugation)



Cable protection conduit closed

### 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 robot technology. For dynamic applications involving low to medium mechanical loads.

### SPECIFICATIONS

- Thermoplastic elastomer
- In conformity with IEC EN 61386 > 900 N
- > 1000000 ~ In conformity with IEC EN 61386
- 45 – 150 °C transient / short term 180 °C
- HB



Type	Order No.	Colour	A Ø mm	B Ø mm	Nominal widths NW	Size range mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
<b>High corrugation</b>										
EWX-HY M25/P21	83121258	Black	18.60	27.80			49.00	104.00	13.00	50
EWX-HY M32/P29	83121260	Black	23.00	34.20			57.00	117.00	22.00	25
EWX-HY M40/P36	83121262	Black	28.90	42.30			71.00	146.00	28.00	25
EWX-HY M50/P48	83121264	Black	36.80	53.70			87.00	167.00	36.00	25
EWX-HY 56	83121278	Black	53.00	67.80			95.00	220.00	36.00	25
EWX-HY 70	83121280	Black	64.40	80.50			140.00	330.00	63.00	25
EWX-HY 95 <sup>1)</sup>	83121282	Black	91.00	105.50			150.00	400.00	89.00	10

<sup>1)</sup> Min. order quantity 40 m

### MATERIAL PROPERTIES

Thermoplastic elastomer

### MECHANICAL PROPERTIES

**Crush resistance**  
Crush resistance: > 900 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

**Flexural fatigue strength**  
Cycles: > 1000000 ~; Testing method: In conformity with IEC EN 61386; Test value: M32/P29

## Type EWX-HY (high corrugation)

### THERMAL PROPERTIES

**Temperature / temperature range**

-45 – 150 °C transient / short term 180 °C

### FIRE BEHAVIOUR

**Fire classification**

HB

### APPROVALS AND OPERATING PERMITS



ROBI approval

### TECHNICAL INFORMATION

**Halogen-free**

DIN 53474

### CONFORMITY



RoHS (EC Directive 202/95/EC)

### GENERAL INFORMATION



Made in Germany

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

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