



## 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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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

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