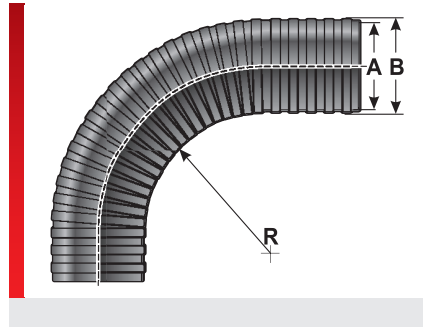
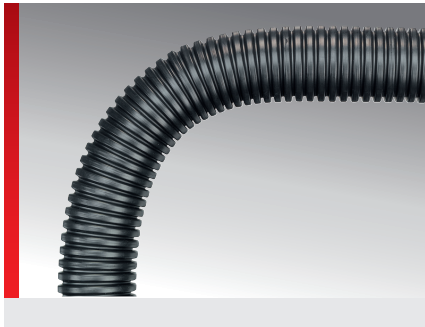


## Type EW-HY



Cable protection conduit closed

### PRODUCT INFORMATION

The EW-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 EW-HY cable protection conduits are characterised by outstanding flexibility, flexural fatigue strength and good crush resistance. This product is ideal for use in hand-

ling systems and robot technology, because of its excellent flexural fatigue strength. For dynamic applications involving low to medium mechanical loads.

Applications:

- Robotics
- Handling systems

### SPECIFICATIONS

- Thermoplastic elastomer
- 45 – 160 °C transient / short term  
180 °C
- HB
- In conformity with IEC EN 61386 > 500 N
- > 250000 ~ In conformity with IEC EN 61386

**HF**
**RoHS**
**Made in Germany**

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
<b>Standard corrugation</b>								
EW-HY M12/P9 <sup>1)</sup>	83121010	Grey	9.40	12.80	21.00	51.00	2.80	50
<sup>1)</sup> Min. order quantity 2100m								

Suitable for

### MATERIAL PROPERTIES

Thermoplastic elastomer

### THERMAL PROPERTIES

**Temperature / temperature range**  
-45 – 160 °C 180 °C

### FIRE BEHAVIOUR

**Fire classification**  
HB

### MECHANICAL PROPERTIES

**Crush resistance**  
Crush resistance: > 500 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

**Flexural fatigue strength**  
Cycles: > 250000 ~; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

## Type EW-HY

### 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.

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.

This does not free the purchaser of carrying out their own inspections and tests in order to determine the suitability of a product for a specific purpose.

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Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services.

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