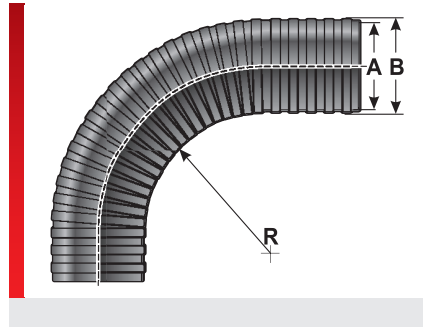
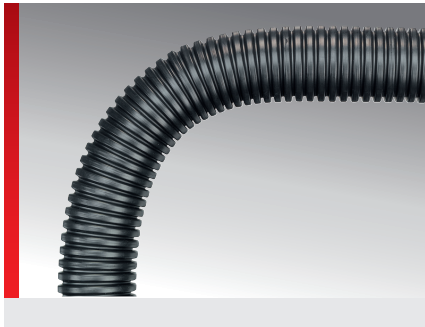


## Type EW-HY



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



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 M16/P11	83121012	Grey	12.10	15.60	28.00	68.00	4.00	50

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



### TECHNICAL INFORMATION



### CONFORMITY



### GENERAL INFORMATION



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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