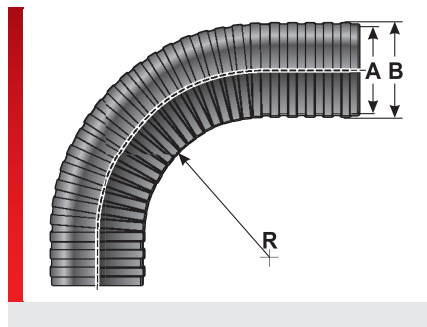


Type EW-HY



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
Standard corrugation								
EW-HY M32/P29	83121058	Black	27.70	34.20	67.00	142.00	18.00	25

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.

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