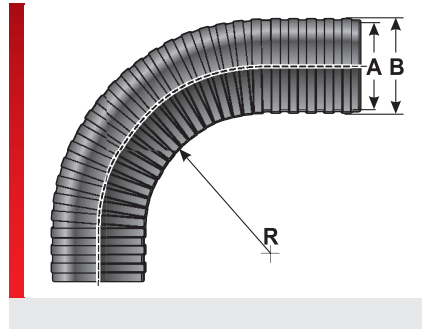
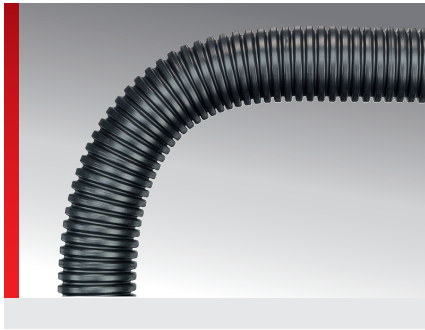


Type EW-HY



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
Narrow corrugation								
EW-HY M20/P16S	83121014	Grey	16.70	20.70	38.00	95.00	6.80	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



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.

Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information.

Murrplastik accepts no liability for damage caused as a result of using our products.

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

Our General Terms and Conditions apply.

© Murrplastik Systemtechnik GmbH • prvlD_96728~20170925~890283~83121014