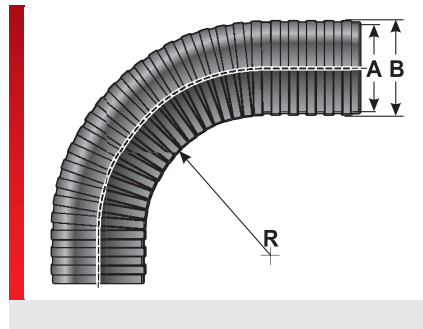


Type EW-HY



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 – as well as 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 handling

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

Applications:

- Robotics
- Handling systems

SPECIFICATIONS

- Thermoplastic elastomer
- According to IEC EN 61386
Crush resistance: > 500 N
- According to IEC EN 61386
Cycles: > 250000 ~
- 45 – 160 °C short term 180 °C
- acc. to UL94 HB

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-M12/P9	83121050	Black	9.40	12.80	21.00	51.00	3.20	50
EW-HY M12/P09, 200m	83121051	Black	9.40	12.80	21.00	51.00	3.30	200
EW-HY-M16/P11	83121052	Black	12.10	15.60	28.00	68.00	4.00	50
EW-HY-M25/P21	83121056	Black	21.80	28.00	49.00	109.00	12.00	50
EW-HY-M32/P29	83121058	Black	27.70	34.20	67.00	142.00	17.00	25
EW-HY-M40/P36	83121060	Black	35.20	42.20	81.00	191.00	21.00	25
EW-HY-M50/P48	83121062	Black	47.30	53.40	102.00	237.00	28.00	25
EW-HY-56 Jumbo ¹⁾	83121065	Black	54.88	67.40	120.00	285.00	40.00	25
EW-HY-70 Jumbo	83121066	Black	66.20	79.50	140.00	330.00	51.50	25
EW-HY-95 Jumbo	83121070	Black	90.00	105.00	150.00	400.00	90.00	10
Grey variants								
EW-HY-M12/P9 ²⁾	83121010	Grey	9.40	12.80	21.00	51.00	2.80	50
No stock goods, delivery time and minimum order quantities upon request								
EW-HY-M16/P11	83121012	Grey	12.10	15.60	28.00	68.00	4.00	50
EW-HY-M25/P21	83121016	Grey	21.80	28.00	49.00	109.00	12.00	50
EW-HY-M32/P29	83121018	Grey	27.70	34.20	67.00	142.00	17.00	25
EW-HY-M40/P36	83121020	Grey	35.20	42.20	81.00	191.00	21.00	25
EW-HY-M50/P48	83121022	Grey	47.30	53.40	102.00	237.00	29.50	25
EW-HY-70 Jumbo	83121026	Grey	66.20	79.50	140.00	330.00	51.50	25
EW-HY-95 Jumbo ¹⁾	83121030	Grey	90.00	105.00	150.00	400.00	90.00	10
Narrow corrugation								
EW-HY-M20/P16S	83121054	Black	16.70	20.70	38.00	95.00	7.00	50

Type EW-HY

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
EW-HY-M20/P16S	83121014	Grey	16.70	20.70	38.00	95.00	6.80	50
¹⁾ No stock goods, delivery time and minimum order quantities upon request								
²⁾ Min. order quantity 2100m								

MATERIAL PROPERTIES



Thermoplastic elastomer



High angle consistency

Crush resistance: > 500 N; Testing method: According to IEC EN 61386; Test value: M25/P21



Flexural fatigue strength

Cycles: > 250000 ~; Testing method: According to IEC EN 61386; Test value: M25/P21

THERMAL PROPERTIES



Temperature / temperature range

-45 – 160 °C short term 180 °C

FIRE PROPERTIES



Fire classification

acc. to UL94 HB

TECHNICAL INFORMATION



Halogen-free

DIN 53474



UV-resistant acc. to ISO 4892-2

Wir empfehlen die Farbe Schwarz

CONFORMITY



RoHS (EC Directive 2011/65/EU)

APPROVALS AND OPERATING PERMITS



ROBI approval



Made in Germany

Type EW-HY

Cable protection conduit closed

All details given in our sales brochures 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.

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