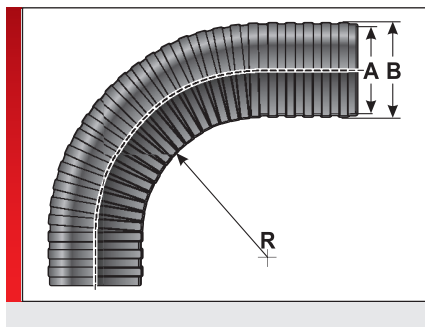
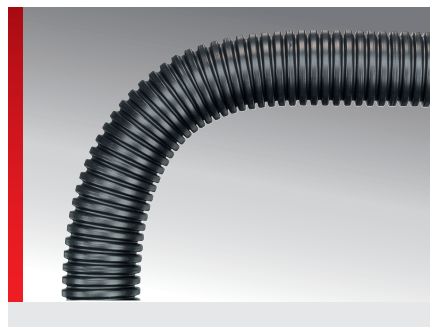


Type EW-HY



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



Type	Order No.	Colour	A Ø mm	B Ø mm	Nominal widths NW	Size range mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
Standard corrugation										
EW-HY 06	83121048	Black	6.40	9.90			18.00	40.00	2.40	50
EW-HY M12/P9	83121050	Black	9.40	12.80			21.00	51.00	3.50	50
EW-HY M16/P11	83121052	Black	12.10	15.60			28.00	68.00	4.00	50
EW-HY M20/P16S	83121054	Black	16.70	20.70			38.00	95.00	7.60	50
EW-HY M25/P21	83121056	Black	21.80	28.00			49.00	109.00	10.00	50
EW-HY M32/P29	83121058	Black	27.70	34.20			67.00	142.00	18.00	25
EW-HY M40/P36	83121060	Black	35.20	42.20			81.00	191.00	22.00	25
EW-HY M50/P48	83121062	Black	47.30	53.40			102.00	237.00	28.00	25
EW-HY 70 Jumbo	83121066	Black	66.20	79.50			140.00	330.00	50.00	25
EW-HY 95 Jumbo	83121070	Black	90.00	105.00			150.00	400.00	90.00	10
EW-HY M12/P9 ¹⁾	83121010	Grey	9.40	12.80			21.00	51.00	2.80	50
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	13.00	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	31.00	25
EW-HY 70 Jumbo	83121026	Grey	66.20	79.50			140.00	330.00	50.00	25
EW-HY 95 Jumbo	83121030	Grey	90.00	105.00			150.00	400.00	90.00	10

Type EW-HY

Type	Order No.	Colour	A Ø mm	B Ø mm	Nominal widths NW	Size range 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
¹⁾ Min. order quantity 2100m										

MATERIAL PROPERTIES



Thermoplastic elastomer

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

THERMAL PROPERTIES

**Temperature / temperature range**

-45 – 160 °C transient / short term 180 °C

FIRE BEHAVIOUR

**Fire classification**

HB

APPROVALS AND OPERATING PERMITS



ROBI approval

TECHNICAL INFORMATION

**Halogen-free**

DIN 53474

CONFORMITY



RoHS (EC Directive 2002/95/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.

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