



# Type EW-HY





- Robotics
- Handling systems

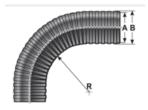
# Information, conformities and approvals













Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius	Weight kg/100m	PU m
EW-HY-06	83121048	Black	<b>√</b>				6.45	9.7	<b>mm</b> 18/40	2.4	50
EW-HY-M12/P9	83121050	Black	✓	M12	PG09	NW 10	9.9	12.5	21/51	3.2	50
EW-HY M12/P09, 200m	83121051	Black	✓	M12	PG09	NW 10	9.9	12.5	21/51	3.2	200
EW-HY-M16/P11	83121052	Black	✓	M16	PG11	NW 12	12.3	15.5	28/68	4.0	50
EW-HY-M20/ P16S	83121054	Black	✓	M20	PG16	NW 17	16.8	20.7	38/95	7.0	50
EW-HY-M25/P21	83121056	Black	✓	M25	PG21	NW 23	21.8	28	49/109	12.0	50
EW-HY-M32/P29	83121058	Black	✓	M32	PG29	NW 29	27.7	34.2	67/142	17.0	25
EW-HY-M40/P36	83121060	Black	✓	M40	PG36	NW 36	35.2	42	81/191	21.0	25
EW-HY-M50/P48	83121062	Black	✓	M50	PG48	NW 48	46.9	53.9	102/237	28.0	25
EW-HY-56 Jumbo	83121065	Black	✓			NW 56	54.88	67.4	120/285	40.0	25
	83121066	Black	✓			NW 70	66.2	79.5	140/330	51.5	25
EW-HY-95 Jumbo	83121070	Black	✓			NW 95	90	105	150/400	90.0	10
EW-HY-M12/P9 1)	83121010	Gray	×	M12	PG09	NW 10	9.9	12.5	21/51	3.2	50

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Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-HY-M16/P11	83121012	Gray	×	M16	PG11	NW 12	12.3	15.5	28/68	4.0	50
EW-HY-M20/ P16S	83121014	Gray	×	M20	PG16	NW 17	16.8	20.7	38/95	7.0	50
EW-HY-M25/P21	83121016	Gray	×	M25	PG21	NW 23	21.8	28	49/109	12.0	50
EW-HY-M32/P29	83121018	Gray	×	M32	PG29	NW 29	27.7	34.2	67/142	17.0	25
EW-HY-M40/P36	83121020	Gray	×	M40	PG36	NW 36	35.2	42	81/191	21.0	25
EW-HY-M50/P48	83121022	Gray	×	M50	PG48	NW 48	46.9	53.9	102/237	28.0	25
EW-HY-70 Jumbo	83121026	Gray	×			NW 70	66.2	79.5	140/330	51.5	25
EW-HY-95 Jumbo	83121030	Gray	×			NW 95	90	105	150/400	90.0	10

1) No stock goods, delivery time and minimum order quantities upon request

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## Material properties



Thermoplastic elastomer

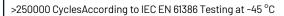


High angle consistency





Flexural fatigue strength





System tear-out strength

>270 NAccording to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

## Thermal properties



Temperature / temperature range

 $-45\,^{\circ}\text{C}$  –  $160\,^{\circ}\text{C}$  / short term:  $180\,^{\circ}\text{C}$ 

### Fire properties



Fire classification

acc. to UL94: HB





# Type EW-HY

### Chemical resistance



Resistant to:

Alcohol Greases Fuels Lyes Mineral oils Weak acids

#### Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2

## Approvals and operating permits



ROBI approval

### Classification

ETIM 9: EC001175 ECLASS 14: 27430305 UNSPSC 26.0801: 39131601

## **General information**



Made in Germany

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the product described.

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