



Type EW



Product information

The EW cable protection conduits are made of specially modified polyethylene. The material is halogen, phosphor and cadmium-free. The EW cable protection conduits are characterised by excellent flexibility and good flexural fatigue strength.

Applications:

- Light mechanical loads
- Plant engineering
- Mechanical engineering
- Control cabinet construction

Information, conformities and approvals







Article	Order No.	Color	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW M10/P07	83101050	Black	M10	PG07	NW 7	8.3	11.3	30/-	2.2	50
EW M12/P9	83101052	Black	M12	PG09	NW 10	9.8	12.8	40/-	2.4	50
EW M16/P11	83101054	Black	M16	PG11	NW 12	11.6	15.7	45/-	3.4	50
EW M20/P16	83101056	Black	M20	PG16	NW 17	15.9	20.7	55/-	5.4	50
EW M20/P16S	83101058	Black	M20	PG16	NW 17	16.8	21	60/-	5.6	50
EW M25/P21	83101060	Black	M25	PG21	NW 23	22.4	28.3	70/-	8.2	50
EW M32/P29	83101062	Black	M32	PG29	NW 29	28	33.85	80/-	11.0	25
EW M40/P36	83101064	Black	M40	PG36	NW 36	35.5	42	100/-	12.4	25
EW M50/P48	83101066	Black	M50	PG48	NW 48	48.2	53.9	115/-	19.5	25
EW 70 Jumbo	83101070	Black			NW 70	66.8	79.2	180/-	48.0	25
EW 95 Jumbo	83101074	Black			NW 95	90.4	105.5	200/-	75.0	10
EW M10/P7	83101010	Gray	M10	PG07	NW 7	8.3	11.3	30/-	2.2	50
EW M12/P9	83101012	Gray	M12	PG09	NW 10	9.8	12.8	40/-	2.4	50




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Article	Order No.	Color	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW M16/P11	83101014	Gray	M16	PG11	NW 12	11.6	15.7	45/-	3.4	50
EW M20/P16	83101016	Gray	M20	PG16	NW 17	15.9	20.7	55/-	5.4	50
EW M20/P16S	83101020	Gray	M20	PG16	NW 17	16.8	21	60/-	5.6	50
EW M25/P21	83101022	Gray	M25	PG21	NW 23	22.4	28.3	70/-	8.2	50
EW M25/P21S	83103022	Gray	M25	PG21	NW 23	22.6	28	70/-	8.2	50
EW M32/P29	83101026	Gray	M32	PG29	NW 29	28	33.85	80/-	11.0	25
EW M40/P36	83101030	Gray	M40	PG36	NW 36	35.5	42	100/-	12.4	25
EW M50/P48	83101032	Gray	M50	PG48	NW 48	48.2	53.9	115/-	19.5	25
EW 70 Jumbo	83101036	Gray			NW 70	66.8	79.2	180/-	48.0	25
EW 95 Jumbo	83101040	Gray			NW 95	90.4	105.5	200/-	75.0	10


Material properties

	mod. polyethylene
	High angle consistency >100 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C <160 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
	Flexural fatigue strength >4000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C
	System tear-out strength ≥120 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

Thermal properties

	Temperature / temperature range -20 °C - 70 °C / short term: 90 °C
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Fire properties

	Fire classification acc. to UL94: HB
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Chemical resistances



Resistant to:

Fuels
Weak acids
Mineral oils
Greases

Technical information



Halogen-free

Classification

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

General information



Made in Germany