



## Type EW-PP



### Product information

The EW-PP cable protection conduits are made of specially modified polypropylene. EW-PP cable protection conduits are characterised by excellent chemical resistance and good impact resistance. The EW-PP is also suitable for static and dynamic applications with medium to high mechanical loads.

Applications:

- Plant engineering
- Mechanical engineering
- Chemical plants

### Information, conformities and approvals



Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PP-M10/P7	83201050	Black	✓	M10	PG07	NW 7	8.3	11.5	21/70	1.8	50
EW-PP-M12/P9	83201052	Black	✓	M12	PG09	NW 10	9.7	12.9	26/80	2.4	50
EW-PP-M16/P11	83201054	Black	✓	M16	PG11	NW 12	12.1	15.7	33/100	3.5	50
EW-PP-M20/P16	83201056	Black	✓	M20	PG16	NW 17	15.6	21	46/180	5.0	50
EW-PP-M20/P16S	83201057	Black	✓	M20	PG16	NW 17	16.4	20.9	41/170	5.6	50
EW-PP-M25/P21	83201058	Black	✓	M25	PG21	NW 23	21.4	28.3	59/230	9.3	50
EW-PP-M32/P29	83201060	Black	✓	M32	PG29	NW 29	27.8	34.3	72/280	11.0	25
EW-PP-M40/P36	83201062	Black	✓	M40	PG36	NW 36	34.7	42.3	86/310	15.8	25
EW-PP-M50/P48	83201064	Black	✓	M50	PG48	NW 48	46.3	53.9	107/350	20.5	25
EW-PP-56 Jumbo <sup>1)</sup>	83201067	Black	✓			NW 56	56.2	67.8	140/480	38.5	25
EW-PP-70 Jumbo	83201066	Black	✓			NW 70	67.8	79.8	160/600	40.0	25
EW-PP-95 Jumbo	83201068	Black	✓			NW 95	89.6	106.3	200/800	67.0	10
EW-PP-M10/P7 <sup>1)</sup>	83201010	Gray	✗	M10	PG07	NW 7	8.3	11.5	21/70	1.8	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-PP-M12/P9	83201012	Gray	✗	M12	PG09	NW 10	9.7	12.9	26/80	2.4	50
EW-PP-M16/P11	83201014	Gray	✗	M16	PG11	NW 12	12.1	15.7	33/100	3.5	50
EW-PP-M20/P16	83201016	Gray	✗	M20	PG16	NW 17	15.6	21	46/180	5.2	50
EW-PP-M25/P21	83201018	Gray	✗	M25	PG21	NW 23	21.4	28.3	59/230	9.3	50
EW-PP-M32/P29	83201020	Gray	✗	M32	PG29	NW 29	27.8	34.3	72/280	11.0	25
EW-PP-M40/P36	83201022	Gray	✗	M40	PG36	NW 36	34.7	42.3	86/310	15.8	25
EW-PP-M50/P48	83201024	Gray	✗	M50	PG48	NW 48	46.3	53.9	107/350	20.5	25
EW-PP-70 Jumbo	83201026	Gray	✗			NW 70	67.8	79.8	160/600	40.0	25
EW-PP-95 Jumbo	83201028	Gray	✗			NW 95	89.6	106.3	200/800	67.0	10

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

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### Material properties



mod. polypropylene



High angle consistency

>330 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C  
>580 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>1000000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C



System tear-out strength

>480 N According to IEC EN 61386 M25/P21 Testing at 23 °C

### Thermal properties



Temperature / temperature range

-40 °C - 130 °C / short term: 150 °C



## Type EW-PP

### Chemical resistances



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



ECOLAB approval

### Classification

ETIM 9: EC001175  
ECLASS 14: 27430305

### General information



Made in Germany