



Type EW-PP-UV



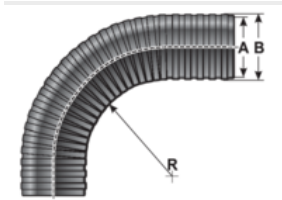
Product information

The EW-PP-UV cable protection conduits are made of specially modified polypropylene and are UV-stabilized.
The EW-PP-UV cable protection conduits are characterized by outstanding chemical resistance, good crush and impact resistance.
In addition, the EW-PP-UV product series complies with the orange RAL 2011 color, which is especially specified for the insulation of high-voltage cables in hybrid & electric vehicles.

Applications:

- Plant engineering
- Mechanical engineering
- Chemical plants
- Renewable energies
- Electromobility

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-UV 06	83201100	Orange	✓				6.4	9.8	14/60	1.5	100
EW-PP-UV M10/ P07	83201102	Orange	✓	M10	PG07	NW 7	8.3	11.5	21/70	1.6	100
EW-PP-UV M12/ P09	83201103	Orange	✓	M12	PG09	NW 10	9.7	12.9	26/80	2.0	100
EW-PP-UV M18/ P13	83201106	Orange	✓	M18	PG13	NW 13	14.3	18.35	40/160	3.5	100
EW-PP-UV M20/ P16	83201107	Orange	✓	M20	PG16	NW 17	15.6	21	46/180	5.0	100
EW-PP-UV 22	83201109	Orange	✓				20.9	25.6	55/205	7.0	100
EW-PP-UV M25/ P21	83201110	Orange	✓	M25	PG21	NW 23	21.4	28.3	59/230	7.0	100
EW-PP-UV M32/ P29	83201112	Orange	✓	M32	PG29	NW 29	27.8	34.3	72/280	9.0	50

Material properties



mod. polypropylene



High angle consistency

>350 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



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Material properties

	>600 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
	Flexural fatigue strength >3100000 Cycles According to IEC EN 61386 M25/P21
	System tear-out strength >440 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
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Chemical resistances

	Resistant to: Alcohol Greases Fuels Lyes Mineral oils Weak acids
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Technical information

	Halogen-free
	UV-resistant acc. to ISO 4892-2

Classification

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

General information

	Made in Germany
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