



Type EW-PA-UL



Product information

The EW-PA-UL cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The EW-PA-UL cable protection conduits feature very high crush resistance, self-extinguish extremely well and produce very low levels of smoke gas. For static applications involving high mechanical loads.

Applications:

- Plant engineering
- Mechanical engineering
- Mining
- Vehicle engineering

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-PA-UL-06	83161250	Black	✓				6.3	10	23/-	2.4	50
EW-PA-UL-M10/ P7	83161252	Black	✓	M10	PG07	NW 7	8.4	11.6	26/-	2.7	50
EW-PA-UL-M12/ P9	83161254	Black	✓	M12	PG09	NW 10	9.9	13	36/-	3.6	50
EW-PA-UL-M16/ P11	83161256	Black	✓	M16	PG11	NW 12	11.6	15.9	48/-	4.7	50
EW-PA-UL-M20/ P16	83161258	Black	✓	M20	PG16	NW 17	15.6	21	55/-	8.0	50
EW-PA-UL-M20/ P16S	83161260	Black	✓	M20	PG16	NW 17	15.8	21	58/-	7.8	50
EW-PA-UL-M25/ P21	83161262	Black	✓	M25	PG21	NW 23	21.4	28.5	65/-	14.0	50
EW-PA-UL-M32/ P29	83161264	Black	✓	M32	PG29	NW 29	27.8	34.6	77/-	17.0	25
EW-PA-UL-M40/ P36 1)	83161266	Black	✓	M40	PG36	NW 36	34.5	42.5	96/-	22.5	25
EW-PA-UL-M50/ P48	83161268	Black	✓	M50	PG48	NW 48	46.6	54.3	112/-	30.0	25
EW-PA-UL 70 Jumbo	83161280	Black	✓			NW 70	66.6	80	160/-	60.0	25
EW-PA-UL-06 2)	83161210	Gray	✗				6.3	10	23/-	2.4	50
EW-PA-UL-M10/ P7	83161212	Gray	✗	M10	PG07	NW 7	8.4	11.6	26/-	2.7	50



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EW-PA-UL-M12/ P9	83161214	Gray	✗	M12	PG09	NW 10	9.9	13	36/-	3.6	50
EW-PA-UL-M16/ P11	83161216	Gray	✗	M16	PG11	NW 12	11.6	15.9	48/-	5.0	50
EW-PA-UL-M20/ P16	83161218	Gray	✗	M20	PG16	NW 17	15.6	21	55/-	8.0	50
EW-PA-UL-M25/ P21	83161222	Gray	✗	M25	PG21	NW 23	21.4	28.5	65/-	14.0	50
EW-PA-UL-M32/ P29	83161224	Gray	✗	M32	PG29	NW 29	27.8	34.6	77/-	17.0	25
EW-PA-UL-M40/ P36	83161226	Gray	✗	M40	PG36	NW 36	34.5	42.5	96/-	22.5	25
EW-PA-UL-M50/ P48	83161228	Gray	✗	M50	PG48	NW 48	46.6	54.3	112/-	30.0	25

1) With CSA approval

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

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Material properties



mod. polyamide PA 6



High angle consistency

>430 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
>1300 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>1300 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C



Impact strength

4 According to IEC EN 61386 M25/P21 Testing at -25 °C



System tear-out strength

>300 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

Thermal properties



Temperature / temperature range

-40 °C - 120 °C / short term: 160 °C

Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



Type EW-PA-UL

Chemical resistances



Resistant to:

Alcohol
Mineral oils
Greases
Fuels

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

Conformity



ECE 324 R 118

Approvals and operating permits



CSA approval



cURus approval

Classification

ETIM 9: EC001175
ECLASS 14: 27430305

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 products described.
The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described.
A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information.
All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge.
They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose.
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