



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 ¹⁾	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