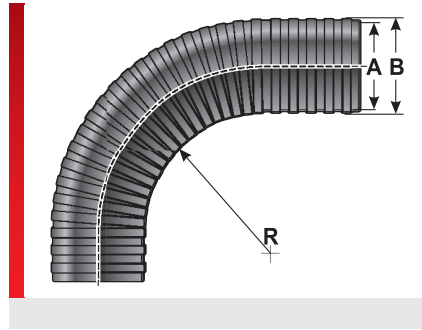
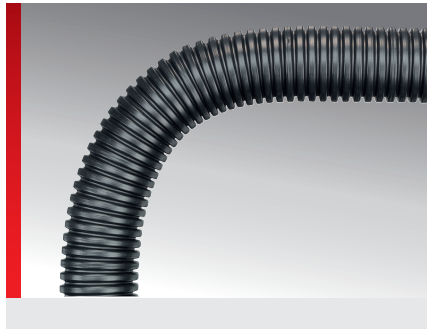


## Type EW-PA-UL



Cable protection conduit closed

### 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.








This product's excellent fire safety properties make it suitable for both rail transport






systems and building service applications. For static applications involving high mechanical loads.

Applications:

- Plant engineering
- Mechanical engineering
- Mining
- Vehicle engineering

### SPECIFICATIONS

-  Mod. polyamide PA 6
-  In conformity with IEC EN 61386 : > 1700 N
-  In conformity with IEC EN 61386 Cycles: > 1300 ~
-  In conformity with IEC EN 61386 Tier: 3
-  > 700 N In conformity with IEC EN 61386
-  -40 – 120 °C transient / short term 160 °C
-  V0 self-extinguishing

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	Pack m
<b>Standard corrugation</b>							
EW-PA-UL-06	83161250	Black	6.40	9.90	23.00	2.30	50
EW-PA-UL-M10/P7	83161252	Black	8.30	11.60	26.00	2.70	50
EW-PA-UL-M12/P9	83161254	Black	9.40	12.90	36.00	3.50	50
EW-PA-UL-M16/P11	83161256	Black	11.70	15.70	48.00	4.70	50
EW-PA-UL-M20/P16	83161258	Black	15.30	21.00	55.00	8.00	50
EW-PA-UL-M25/P21	83161262	Black	21.50	28.50	65.00	14.00	50
EW-PA-UL-M32/P29	83161264	Black	27.50	34.60	77.00	18.00	25
EW-PA-UL-M40/P36 <sup>1)</sup>	83161266	Black	34.90	42.60	96.00	24.00	25
EW-PA-UL-M50/P48	83161268	Black	46.60	54.30	112.00	30.00	25
EW-PA-UL 70 Jumbo <sup>2)</sup>	83161280	Black	66.60	80.00	160.00	60.00	25
<b>Grey</b>							
EW-PA-UL-06 <sup>3)</sup>	83161210	Grey	6.40	9.90	23.00	2.30	50
EW-PA-UL-M10/P7	83161212	Grey	8.30	11.60	26.00	2.70	50
EW-PA-UL-M12/P9	83161214	Grey	9.40	12.90	36.00	3.50	50
EW-PA-UL-M16/P11	83161216	Grey	11.70	15.70	48.00	4.70	50
EW-PA-UL-M20/P16	83161218	Grey	15.30	21.00	55.00	7.50	50
EW-PA-UL-M25/P21	83161222	Grey	21.50	28.50	65.00	14.00	50
EW-PA-UL-M32/P29	83161224	Grey	27.50	34.60	77.00	18.00	25
EW-PA-UL-M40/P36 <sup>1)</sup>	83161226	Grey	34.90	42.60	96.00	24.00	25

## Type EW-PA-UL

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	Pack m
EW-PA-UL-M50/P48	83161228	Grey	46.60	54.30	112.00	30.00	25
<b>Narrow corrugation</b>							
EW-PA-UL-M20/P16S	83161260	Black	16.40	21.00	58.00	9.40	50
EW-PA-UL-M20/P16S <sup>4)</sup>	83161220	Grey	16.40	21.00	58.00	9.40	50
EW-PA-UL-M25/P21S <sup>5)</sup>	83163222	Grey	22.60	28.30	65.00	14.00	50
<sup>1)</sup> With CSA approval							
<sup>2)</sup> no UR approval							
<sup>3)</sup> Min. order quantity 3600m							
<sup>4)</sup> Min. order quantity 1000m							
<sup>5)</sup> Min. order quantity 500m							

### MATERIAL PROPERTIES



Mod. polyamide PA 6



: > 1700 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21



#### Flexural fatigue strength

Cycles: > 1300 ~; Testing method: In conformity with IEC EN 61386; Test value: M25/P21



#### Impact strength

Tier: 3; Testing method: In conformity with IEC EN 61386; Test value: M25/P21



#### System tear-out strength

System tear-out strength: > 700 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

### THERMAL PROPERTIES



#### Temperature / temperature range

-40 – 120 °C transient / short term 160 °C

### FIRE BEHAVIOUR



#### Fire classification

V0 self-extinguishing

### TECHNICAL INFORMATION



#### Halogen-free

DIN 53474

### CONFORMITY



RoHS (EC Directive 202/95/EC)

## Type EW-PA-UL

### APPROVALS AND OPERATING PERMITS



CSA approval



cURus approval



Made in Germany

All details given in our sales material prospectuses 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.

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