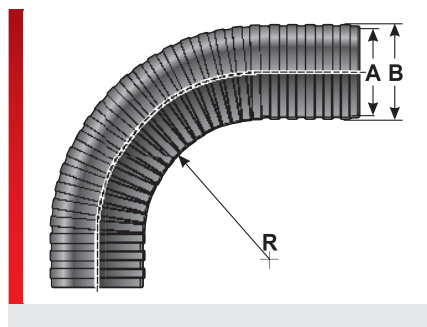


## Type EW-PA



Cable protection conduit closed

### PRODUCT INFORMATION

The EW-PA cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The conduits are for universal use in both mechanical and plant engineering and vehicle engineering.

The EW-PA cable protection conduits feature the following advantages:

- High crush resistance
- Good flexibility
- Medium to high loads in static applications

### SPECIFICATIONS

- Mod. polyamide PA 6
- In conformity with IEC EN 61386 > 800 N
- > 24000 ~ In conformity with IEC EN 61386
- > 350 N In conformity with IEC EN 61386
- 40 – 120 °C transient / short term  
160 °C
- HB

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	Pack m
<b>Standard corrugation</b>							
EW-PA 4.5	83161051	Black	5.00	7.10	20.00	1.80	100
EW-PA-06	83161050	Black	6.50	9.90	21.00	2.20	50
EW-PA-M10/P7	83161052	Black	8.50	11.60	24.00	2.50	50
EW-PA-M12/P9	83161054	Black	9.60	12.90	26.00	2.60	50
EW-PA-M16/P11	83161056	Black	11.90	15.70	38.00	3.40	50
EW-PA-M20/P16	83161060	Black	15.50	21.00	55.00	5.40	50
EW-PA-M25/P21	83161064	Black	21.80	28.50	64.00	9.00	50
EW-PA-M32/P29	83161072	Black	27.80	34.60	72.00	13.00	25
EW-PA-M40/P36 <sup>1)</sup>	83161076	Black	34.90	42.30	81.00	15.00	25
EW-PA-M50/P48	83161078	Black	46.90	54.30	97.00	20.00	25
EW-PA-56 Jumbo	83161081	Black	56.00	67.60	115.00	38.50	25
EW-PA-70 Jumbo	83161082	Black	67.40	79.70	160.00	46.00	25
EW-PA-95 Jumbo	83161086	Black	89.70	106.30	200.00	83.00	10
EW-PA-06	83161010	Grey	6.50	9.90	21.00	2.20	50
EW-PA-M10/P7	83161012	Grey	8.50	11.60	24.00	2.50	50
EW-PA-M12/P9	83161014	Grey	9.60	12.90	26.00	2.60	50
EW-PA-M16/P11	83161016	Grey	11.90	15.70	38.00	3.40	50
EW-PA-M20/P16	83161018	Grey	15.50	21.00	55.00	5.40	50
EW-PA-M25/P21	83161022	Grey	21.80	28.50	64.00	9.00	50
EW-PA-M32/P29	83161026	Grey	27.80	34.60	72.00	13.00	25

## Type EW-PA

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	Pack m
EW-PA-M40/P36 <sup>1)</sup>	83161028	Grey	34.90	42.30	81.00	15.00	25
EW-PA-M50/P48	83161030	Grey	46.90	54.30	97.00	20.00	25
EW-PA-56 Jumbo <sup>2)</sup>	83161031	Grey	56.00	67.60	115.00	38.50	25
EW-PA-70 Jumbo	83161032	Grey	67.40	79.70	160.00	46.00	25
EW-PA-95 Jumbo <sup>3)</sup>	83161034	Grey	89.70	106.30	200.00	83.00	10
<b>Narrow corrugation</b>							
EW-PA-M20/P16S	83162062	Black	16.60	21.00	50.00	5.80	50
EW-PA-M25/P21S	83162064	Black	22.80	28.30	59.00	10.00	50
EW-PA-M32/P29S	83162072	Black	28.40	34.40	67.00	14.00	25
EW-PA-M40/P36S	83162076	Black	36.00	42.00	76.00	16.00	25
EW-PA-M50/P48S	83162080	Black	47.30	54.20	92.00	22.00	25
EW-PA-M20/P16S	83162020	Grey	16.60	21.00	50.00	5.40	50
EW-PA-M25/P21S	83162022	Grey	22.80	28.30	59.00	10.00	50
EW-PA-M32/P29S	83162026	Grey	28.40	34.40	67.00	14.00	25
EW-PA-M40/P36S	83162030	Grey	36.00	42.00	76.00	16.00	25
EW-PA-M50/P48S	83162034	Grey	47.30	54.20	92.00	22.00	25
<sup>1)</sup> With CSA approval							
<sup>2)</sup> Min. order quantity 100 m							
<sup>3)</sup> Min. order quantity 40 m							

### MATERIAL PROPERTIES



Mod. polyamide PA 6

### MECHANICAL PROPERTIES



#### Crush resistance

Crush resistance: > 800 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21



#### Flexural fatigue strength

Cycles: > 24000 ~; Testing method: In conformity with IEC EN 61386; Test value: M20/P16



#### System tear-out strength

System tear-out strength: > 350 N; Testing method: In conformity with IEC EN 61386; Test value: M20/P16

### THERMAL PROPERTIES



#### Temperature / temperature range

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

### FIRE BEHAVIOUR



#### Fire classification

HB

## Type EW-PA

### TECHNICAL INFORMATION

 **Halogen-free**  
DIN 53474

 **UV-resistant**

### CONFORMITY

 **RoHS (EC Directive 202/95/EC)**

### GENERAL INFORMATION

 **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.

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