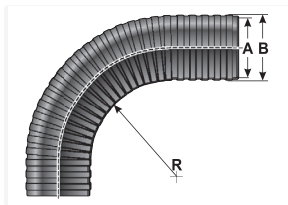




## Type EW-PAB



### Product information

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

#### Applications:

- Building technologies
- Mechanical engineering
- Plant engineering

### Information, conformities and approvals



| Article  | Order No. | Color | UV | A Ø mm | B Ø mm | R stat. mm | Weight kg/100m | PU m |
|--|-----------|-------|----|--------|--------|------------|----------------|------|
| EW-PAB-06                                      | 83162250  | Black | 1  | 6.9    | 10     | 23         | 2.1            | 50   |
| EW-PAB-M12/P9                                  | 83162254  | Black | 1  | 9.6    | 12.9   | 26         | 2.6            | 50   |
| EW-PAB M12/P9 1000m Oktabin, SW <sup>1)</sup>  | 83980290  | Black | 1  | 9.6    | 12.9   | 26         | 2.6            | 1000 |
| EW-PAB M12/P9 Murrflex 500m, sw <sup>1)</sup>  | 83980258  | Black | 1  | 9.6    | 12.9   | 26         | 2.6            | 500  |
| EW-PAB-M16/P11                                 | 83162256  | Black | 1  | 11.9   | 15.8   | 38         | 3.4            | 50   |
| EW-PAB M16/P11 Murrflex 500m, sw <sup>1)</sup> | 83980259  | Black | 1  | 11.9   | 15.8   | 38         | 3.4            | 500  |
| EW-PAB M16/P11 sw, 2200m Oktabin <sup>1)</sup> | 83988288  | Black | 1  | 11.9   | 15.8   | 38         | 3.4            | 2200 |
| EW-PAB-M20/P16S                                | 83162260  | Black | 1  | 16.8   | 21     | 56         | 6.3            | 50   |
| EW-PAB-M20/P16                                 | 83162258  | Black | 1  | 15.6   | 21.1   | 56         | 6.3            | 50   |
| EW-PAB M20/P16 Murrflex 500m, sw <sup>1)</sup> | 83980260  | Black | 1  | 15.6   | 21.1   | 56         | 6.3            | 500  |
| EW-PAB-M25/P21S                                | 83162462  | Black | 1  | 23.1   | 28.3   | 64         | 8.7            | 50   |



## Type EW-PAB

| Article                       | Order No. | Color | UV | A Ø mm | B Ø mm | R stat. mm | Weight kg/100m | PU m |
|-------------------------------|-----------|-------|----|--------|--------|------------|----------------|------|
| EW-PAB-M25/P21                | 83162262  | Black | 1  | 21.7   | 28.5   | 64         | 9.6            | 50   |
| EW-PAB-M32/P29S               | 83162466  | Black | 1  | 28.5   | 34.5   | 77         | 12.5           | 25   |
| EW-PAB-M32/P29                | 83162266  | Black | 1  | 27.8   | 34.6   | 77         | 12.5           | 25   |
| EW-PAB-M40/P36 <sup>2)</sup>  | 83162268  | Black | 1  | 35.5   | 42.5   | 91         | 15.0           | 25   |
| EW-PAB-M50/P48                | 83162270  | Black | 1  | 46.8   | 54.3   | 117        | 20.0           | 25   |
| EW-PAB-56 Jumbo               | 83162276  | Black | 1  | 56.3   | 70     | 160        | 38.5           | 25   |
| EW-PAB-70 Jumbo               | 83162278  | Black | 1  | 67     | 80     | 200        | 46.0           | 25   |
| EW-PAB-95 Jumbo <sup>1)</sup> | 83162282  | Black | 1  | 89.5   | 106    | 265        | 88.0           | 10   |
| EW-PAB-M12/P9                 | 83162214  | Gray  | 0  | 9.6    | 12.9   | 26         | 2.6            | 50   |
| EW-PAB-M16/P11                | 83162216  | Gray  | 0  | 11.9   | 15.8   | 38         | 3.4            | 50   |
| EW-PAB-M20/P16S               | 83162220  | Gray  | 0  | 16.8   | 21     | 56         | 6.3            | 50   |
| EW-PAB-M25/P21S <sup>1)</sup> | 83162422  | Gray  | 0  | 23.1   | 28.3   | 64         | 8.7            | 50   |
| EW-PAB-M25/P21                | 83162222  | Gray  | 0  | 21.7   | 28.5   | 64         | 8.7            | 50   |
| EW-PAB-M32/P29S <sup>1)</sup> | 83162426  | Gray  | 0  | 28.5   | 34.5   | 77         | 12.5           | 25   |
| EW-PAB-M32/P29                | 83162226  | Gray  | 0  | 27.8   | 34.6   | 77         | 12.5           | 25   |
| EW-PAB-M40/P36 <sup>2)</sup>  | 83162228  | Gray  | 0  | 35.5   | 42.5   | 91         | 15.0           | 25   |
| EW-PAB-M50/P48                | 83162230  | Gray  | 0  | 46.8   | 54.3   | 117        | 20.0           | 25   |
| EW-PAB-70 Jumbo               | 83162238  | Gray  | 0  | 67     | 80     | 200        | 46.0           | 25   |
| EW-PAB-95 Jumbo <sup>1)</sup> | 83162242  | Gray  | 0  | 89.5   | 106    | 265        | 88.0           | 10   |

<sup>1)</sup> No stock goods, delivery time and minimum order quantities upon request

<sup>2)</sup> With CSA approval



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Type EW-PAB

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## Type EW-PAB

### Material properties



mod. polyamide PA 6



High angle consistency >1100 N According to IEC EN 61386 M25/P21



Flexural fatigue strength >1200 ~ According to IEC EN 61386 M25/P21



Impact strength 4 According to IEC EN 61386 M25/P21



System tear-out strength >540 N According to IEC EN 61386 M25/P21

### Thermal properties



Temperature / temperature range -40 °C – 120 °C  
short term short term: 160 °C

### Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2 C.I.T. R22 / R23 HL3 ; Ds (max.) R22 / R23 HL3 ; LOI R22 / R23 HL3 : 0.61, 68, ≥ 32 % NF X 70-100-1/-2 600°C (1112 °F), ISO 5659-2 (25 κBт/м<sup>2</sup>), ISO 4589-2



Fire properties as per NFPA ASTM E 162, ASTM E 1354, ASTM E 662, Boeing BSS 7239, Boeing BSS 7242, Bombardier SMP 800-C

### Chemical resistance



Resistant to: Alcohol, Mineral oils, Greases, Fuels

### Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

### Conformity