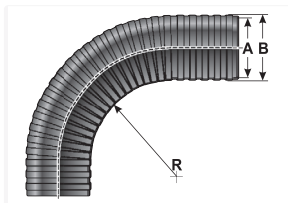




Type EW



Product information

The EW cable protection conduits are made of specially modified polyethylene.

The material is halogen, phosphor and cadmium-free.

The EW cable protection conduits are characterised by excellent flexibility and good flexural fatigue strength.

Applications:

- Light mechanical loads
- Plant engineering
- Mechanical engineering
- Control cabinet construction

Information, conformities and approvals



| Article | Order No. | Color | metric | PG | NW | A Ø mm | B Ø mm | Stat./Dyn. Radius mm | Weight kg/100m | PU m |
|-------------|-----------|-------|--------|------|-------|--------|--------|----------------------|----------------|------|
| EW M10/P07 | 83101050 | Black | M10 | PG07 | NW 7 | 8.3 | 11.3 | 30/- | 2.2 | 50 |
| EW M12/P9 | 83101052 | Black | M12 | PG09 | NW 10 | 9.8 | 12.8 | 40/- | 2.4 | 50 |
| EW M16/P11 | 83101054 | Black | M16 | PG11 | NW 12 | 11.6 | 15.7 | 45/- | 3.4 | 50 |
| EW M20/P16 | 83101056 | Black | M20 | PG16 | NW 17 | 15.9 | 20.7 | 55/- | 5.4 | 50 |
| EW M20/P16S | 83101058 | Black | M20 | PG16 | NW 17 | 16.8 | 21 | 60/- | 5.6 | 50 |
| EW M25/P21 | 83101060 | Black | M25 | PG21 | NW 23 | 22.4 | 28.3 | 70/- | 8.2 | 50 |
| EW M32/P29 | 83101062 | Black | M32 | PG29 | NW 29 | 28 | 33.85 | 80/- | 11.0 | 25 |
| EW M40/P36 | 83101064 | Black | M40 | PG36 | NW 36 | 35.5 | 42 | 100/- | 12.4 | 25 |
| EW M50/P48 | 83101066 | Black | M50 | PG48 | NW 48 | 48.2 | 53.9 | 115/- | 19.5 | 25 |
| EW 70 Jumbo | 83101070 | Black | | | NW 70 | 66.8 | 79.2 | 180/- | 48.0 | 25 |
| EW 95 Jumbo | 83101074 | Black | | | NW 95 | 90.4 | 105.5 | 200/- | 75.0 | 10 |
| EW M10/P7 | 83101010 | Gray | M10 | PG07 | NW 7 | 8.3 | 11.3 | 30/- | 2.2 | 50 |
| EW M12/P9 | 83101012 | Gray | M12 | PG09 | NW 10 | 9.8 | 12.8 | 40/- | 2.4 | 50 |



Type EW

| Article | Order No. | Color | metric | PG | NW | A Ø mm | B Ø mm | Stat./Dyn. Radius mm | Weight kg/100m | PU m |
|-------------|-----------|-------|--------|------|-------|--------|--------|----------------------|----------------|------|
| EW M16/P11 | 83101014 | Gray | M16 | PG11 | NW 12 | 11.6 | 15.7 | 45/- | 3.4 | 50 |
| EW M20/P16 | 83101016 | Gray | M20 | PG16 | NW 17 | 15.9 | 20.7 | 55/- | 5.4 | 50 |
| EW M20/P16S | 83101020 | Gray | M20 | PG16 | NW 17 | 16.8 | 21 | 60/- | 5.6 | 50 |
| EW M25/P21 | 83101022 | Gray | M25 | PG21 | NW 23 | 22.4 | 28.3 | 70/- | 8.2 | 50 |
| EW M25/P21S | 83103022 | Gray | M25 | PG21 | NW 23 | 22.6 | 28 | 70/- | 8.2 | 50 |
| EW M32/P29 | 83101026 | Gray | M32 | PG29 | NW 29 | 28 | 33.85 | 80/- | 11.0 | 25 |
| EW M40/P36 | 83101030 | Gray | M40 | PG36 | NW 36 | 35.5 | 42 | 100/- | 12.4 | 25 |
| EW M50/P48 | 83101032 | Gray | M50 | PG48 | NW 48 | 48.2 | 53.9 | 115/- | 19.5 | 25 |
| EW 70 Jumbo | 83101036 | Gray | | | NW 70 | 66.8 | 79.2 | 180/- | 48.0 | 25 |
| EW 95 Jumbo | 83101040 | Gray | | | NW 95 | 90.4 | 105.5 | 200/- | 75.0 | 10 |

Material properties



mod. polyethylene |



High angle consistency >100 N, <160 N 50 x 50 mm, 100 x 100 mm According to IEC EN 61386, According to IEC EN 61386 M25/P21, M25/P21 Testing at 23 °C, Testing at 23 °C



Flexural fatigue strength >4000 ~ According to IEC EN 61386 M25/P21 Testing at -45 °C



System tear-out strength ≥120 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

Thermal properties



Temperature / temperature range -20 °C – 70 °C
short term short term: 90 °C

Fire properties



Fire classification acc. to UL94: HB



Type EW

Chemical resistances



Resistant to: Fuels, Weak acids, Mineral oils, Greases

Technical information



Halogen-free

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. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.