



# **TypeEWF**





The EWF cable protection conduits are made of specially modified polyethylene. The material is halogen, phosphor and cadmium-free.

The self-extinguishing EWF cable protection conduits are characterised by excellent flexibility and good flexural fatigue strength. For light mechanical loads in mechanical and plant engineering. (e.g. bundling of cables at the control cabinet door)

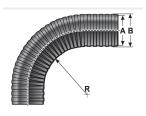
## Applications:

- Plant engineering
- Mechanical engineering
- Control cabinet construction











Article	Order No.	Color	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EWF-M12/P9	83101410	Gray	M12	PG09	NW 10	9.9	12.6	35/-	2.4	50
EWF-M16/P11 1)	83101412	Gray	M16	PG11	NW 12	11.6	15.7	40/-	3.4	50
EWF-M20/P16	83101414	Gray	M20	PG16	NW 17	15.9	20.7	55/-	5.4	50
EWF-M25/P21	83101416	Gray	M25	PG21	NW 23	22.4	28.3	65/-	8.2	50
EWF-M32/P29	83101418	Gray	M32	PG29	NW 29	27.8	34.3	75/-	11.0	25
EWF-M40/P36	83101420	Gray	M40	PG36	NW 36	36.5	42	85/-	12.4	25
EWF-M50/P48 1)	83101422	Gray	M50	PG48	NW 48	47	53.9	95/-	19.5	25

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

## Material properties



mod. polyethylene ||



High angle consistency>110 N>190 N50 x 50 mm100 x 100 mm According to IEC EN 61386According to IEC EN 61386 M25/P21M25/P21 Testing at 23  $^{\circ}$ CTesting at 23  $^{\circ}$ C

© Murrplastik Systemtechnik GmbH • 1 as of 2024-12-04 - 181727





# **TypeEWF**

# Material properties



Flexural fatigue strength>2500 ~According to IEC EN 61386 M25/P21 Testing at -45 °C



System tear-out strength>120 NAccording to IEC EN 61386 M25/P21 Testing at 23  $^{\circ}\text{C}$  Fitting M-PR0

## Thermal properties



Temperature / temperature range -20 °C - 90 °C / short term: 120 °C

#### Fire properties



Fire classificationacc. to UL94: V2 self-extinguishing

#### Chemical resistances



Resistant to: AlcoholGreases Fuels Mineral oils Weak acids Lyes

## **Technical information**



Halogen-free

#### Classification



ETIM 9: EC001175 || eClass 14: 27430305 || UNSPSC: 39131601 ||

#### 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.