



## Type EWF



### Product information

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

### 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
EWF-M12/P9 1)	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

1) No stock goods, delivery time and minimum order quantities upon request

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### Material properties



mod. polyethylene



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High angle consistency

>110 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C  
>190 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>2500 Cycles 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 - 90 °C / short term: 120 °C

### Fire properties



Fire classification

acc. to UL94: V2 self-extinguishing

### Chemical resistances



Resistant to:

Alcohol  
Greases  
Fuels  
Mineral oils  
Weak acids  
Lyes

### Technical information



Halogen-free

### Classification

ETIM 9: EC001175  
ECLASS 14: 27430305  
UNSPSC 26.0801: 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.  
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