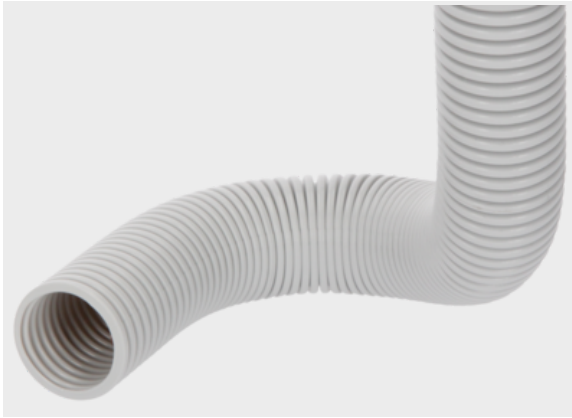




Type EWS/F



Product information

The EWS/F cable protection conduits are made of specially modified polyethylene. The material is halogen, phosphor and cadmium-free. The self-extinguishing EWS/F cable protection conduits are characterised by excellent flexibility, flexural fatigue strength and by their special colouration of RAL 7035 light grey. For very light mechanical loads in mechanical and plant engineering. (e.g. bundling of cables at the control cabinet door)

Applications:

- Control cabinet construction
- Plant engineering

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
EWS/F-M20/P16S	83101814	Light gray	M20	PG16	NW 17	16.8	21	55/-	5.4	25
EWS/F-M25/P21S	83101816	Light gray	M25	PG21	NW 23	22.6	28	65/-	6.0	25
EWS/F-M32/P29S	83101818	Light gray	M32	PG29	NW 29	29.3	34	75/-	10.0	25
EWS/F-M40/P36S	83101820	Light gray	M40	PG36	NW 36	36	42.1	85/-	12.4	25
EWS/F-M50/P48S	83101822	Light gray	M50	PG48	NW 48	47.5	53.3	95/-	14.5	25

Material properties



mod. polyethylene



High angle consistency

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



Flexural fatigue strength

>17000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C



Type EWS/F

Material properties



System tear-out strength

>70 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