



Type EW-PAP (with metal braiding)



Product information

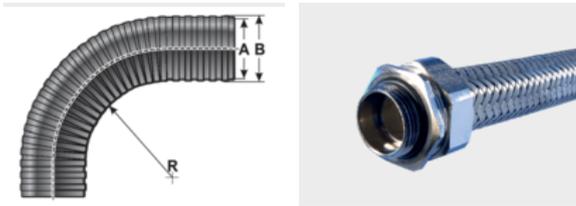
The EW-PAP cable protection conduits are made of specially modified polyamide 6 and coated with a galvanised steel wire. The materials are halogen, phosphor and cadmium-free.

The EW-PAP cable protection conduits are characterised by excellent crush resistance and very good thermal and mechanical protection. The conduits are used in mechanical and plant engineering, for example in the area of automated welding systems or in areas exposed to hot chippings at machining centres. These cable protection conduits are also used for EMC applications.

For static applications involving medium to high mechanical loads.

Applications:

- EMC applications
- In areas exposed to hot chippings
- In welding areas



Information, conformities and approvals



Article	Order No.	Color	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-PAP-M12/P9	83141010	Gray	9.8	14	37/-	14.0	50
EW-PAP-M16/P11	83141012	Gray	12.3	16.8	58/-	16.0	50
EW-PAP-M20/P16	83141014	Gray	15.8	22	81/-	20.0	50
EW-PAP-M25/P21	83141016	Gray	22.4	29.4	95/-	36.0	50
EW-PAP-M32/P29	83141018	Gray	27.5	35.5	118/-	36.0	25
EW-PAP-M40/P36	83141020	Gray	35.5	43.5	162/-	50.0	25
EW-PAP-M50/P48	83141022	Gray	46.5	55.5	208/-	62.0	25

Material properties



mod. polyamide PA 6
Galvanised steel wire



High angle consistency

>1200 N According to IEC EN 61386 M25/P21
N



Type EW-PAP (with metal braiding)

Material properties



Flexural fatigue strength

>24000 Cycles According to IEC EN 61386 M20/P16



System tear-out strength

>700 N According to IEC EN 61386 M25/P21

Thermal properties



Temperature / temperature range

-40 °C - 120 °C / short term: 160 °C

Fire properties



Fire classification

acc. to UL94: HB

Chemical resistances



Resistant to:

Alcohol
Mineral oils
Greases
Fuels

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

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.
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.