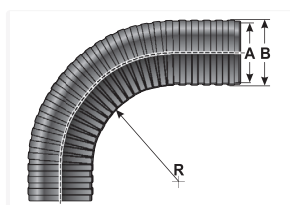




Type EWX-PAE (high corrugation)



Product information

The EWX-PAE cable protection conduits are made of specially modified polyamide 12. The material is halogen, phosphor and cadmium-free. With its excellent flexural fatigue strength, this product is ideal for robotics engineering and in the area of handling systems. For extremely dynamic applications involving medium to high mechanical loads.

The EWX-PAE cable protection conduits have a higher corrugation and feature the following advantages:

- Very good flexibility
- Excellent flexural fatigue strength
- Less wear
- Good crush resistance

Information, conformities and approvals



Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EWX-PAE M20/P16	83182056	Black	1	13.3	21	40	80	6.0	50
EWX-PAE-M25/P21	83182058	Black	1	18.3	28	49	104	11.0	50
EWX-PAE-M32/P29	83182060	Black	1	23.1	34.5	57	117	12.0	25
EWX-PAE-M40/P36	83182062	Black	1	28.5	42.2	71	146	18.2	25
EWX-PAE-M50/P48	83182064	Black	1	36.7	53.5	87	167	24.0	25
EWX-PAE-56 Jumbo	83182078	Black	1	52.2	67.7	95	220	40.0	25
EWX-PAE-70 Jumbo	83182080	Black	1	64	80.3	115	235	52.0	25
EWX-PAE-70 Jumbo	83182084	Black	0	64	80.3	115	235	52.0	110
EWX-PAE-80 Jumbo	83182081	Black	0	76	92.8	195	380	66.0	15
EWX-PAE-95 Jumbo	83182082	Black	0	88.2	105.5	220	450	82.0	10
EWX-PAE-M25/P21 ¹⁾	83182018	Gray	0	18.3	28	49	104	11.0	50



Type EWX-PAE (high corrugation)

Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EWX-PAE-M32/P29 ¹⁾	83182020	Gray	0	23.1	34.5	57	117	12.0	25
EWX-PAE-M40/P36 ¹⁾	83182022	Gray	0	28.5	42.2	71	146	18.2	25

¹⁾ Discontinued product!

Material properties



mod. polyamide PA 12



High angle consistency >1200 N
According to IEC EN 61386 M25/P21



Flexural fatigue strength >5000000 ~
According to IEC EN 61386 M25/P21



Impact strength 4 According
to IEC EN 61386 M25/P21



System tear-out strength >100 N
According to IEC EN 61386 M25/P21

Thermal properties



Temperature / temperature range -40 °C – 120 °C
short term short term: 150 °C

Fire properties



Fire classification acc. to
UL94: HB

Chemical resistance



Resistant to: Alcohol, Greases, Fu-
els, Lyes, Mineral oils, Weak acids

Technical information



Halogen-free



UV-resistant acc. to ISO
4892-2

Approvals and operating permits



ROBI approval



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.