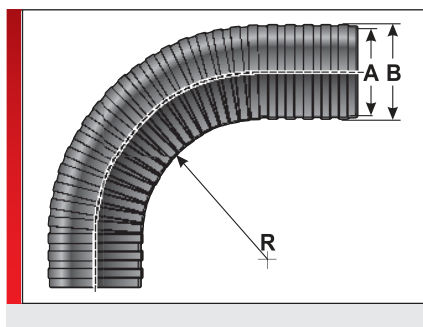
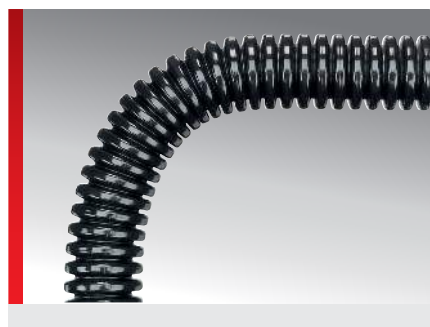


## Type EWX-PAE (high corrugation)



Cable protection conduit closed

### 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 robot technology 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

### SPECIFICATIONS

- Mod. polyamide PA 12
- In conformity with IEC EN 61386 > 1200 N
- > 5000000 ~ In conformity with IEC EN 61386
- 4 In conformity with IEC EN 61386
- > 100 N In conformity with IEC EN 61386
- 40 – 120 °C transient / short term 150 °C

Type	Order No.	Colour	A Ø mm	B Ø mm	Nominal widths NW	Size range mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
<b>High corrugation</b>										
EWX-PAE M25/P21	83182058	Black	18.20	28.10			49.00	104.00	13.00	50
EWX-PAE M32/P29	83182060	Black	22.80	34.10			57.00	117.00	22.00	25
EWX-PAE M40/P36	83182062	Black	28.70	42.40			71.00	146.00	28.00	25
EWX-PAE M50/P48	83182064	Black	36.70	53.50			87.00	167.00	36.00	25
EWX-PAE 56 Jumbo	83182078	Black	52.20	67.70			95.00	220.00	40.00	25
EWX-PAE 70 Jumbo	83182080	Black	64.00	80.30			115.00	235.00	56.00	25
EWX-PAE 95 Jumbo	83182082	Black	88.20	105.50			220.00	450.00	92.50	10
EWX-PAE M25/P21	83182018	Grey	18.20	28.10			49.00	104.00	13.00	50
EWX-PAE M32/P29	83182020	Grey	22.80	34.10			57.00	117.00	22.00	25
EWX-PAE M40/P36 <sup>1)</sup>	83182022	Grey	28.70	42.40			71.00	146.00	28.00	25
EWX-PAE M50/P48 <sup>2)</sup>	83182024	Grey	36.70	53.50			87.00	167.00	36.00	25
EWX-PAE 70 Jumbo <sup>3)</sup>	83182040	Grey	64.00	80.30			115.00	235.00	56.00	25

<sup>1)</sup> Min. order quantity 200 m

<sup>2)</sup> Min. order quantity 125 m

<sup>3)</sup> Min. order quantity 150m

### MATERIAL PROPERTIES

Mod. polyamide PA 12

## Type EWX-PAE (high corrugation)

### MECHANICAL PROPERTIES

**Crush resistance**

Crush resistance: > 1200 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

**Flexural fatigue strength**

Cycles: > 5000000 ~; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

**Impact strength**

Tier: 4; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

**System tear-out strength**

System tear-out strength: > 100 N; Testing method: In conformity with IEC EN 61386; Test value: M25/P21

### THERMAL PROPERTIES

**Temperature / temperature range**

-40 – 120 °C transient / short term 150 °C

### FIRE BEHAVIOUR

**Fire classification**

HB

### APPROVALS AND OPERATING PERMITS

**ROBI approval**

### TECHNICAL INFORMATION

**Halogen-free**

DIN 53474

### CONFORMITY

**RoHS (EC Directive 202/95/EC)**

### GENERAL INFORMATION

**Made in Germany**

All details given in our sales material prospectuses 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.

This does not free the purchaser of carrying out their own inspections and tests in order to determine the suitability of a product for a specific 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.

© Murrplastik Systemtechnik GmbH • proID\_96701~20170601~890283~suv\_ewx\_pae