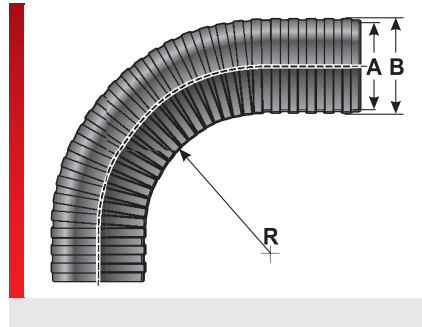
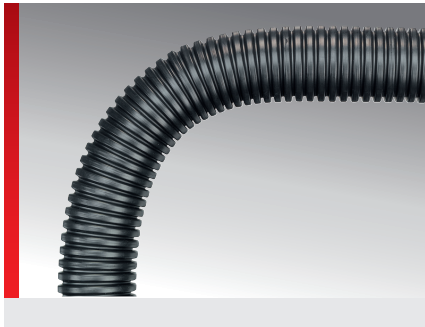


EW-PAE



Cable protection conduit closed

PRODUCT INFORMATION

The EW-PAE cable protection conduits are made of specially modified polyamide 12. The material is halogen, phosphor and cadmium-free. The EW-PAE cable protection conduits are characterised by excellent flexibility, flexural fatigue strength and good crush resistance.

For extremely dynamic applications involving medium mechanical loads.

Applications:

- Robotics
- Handling systems
- in cable drag chains

SPECIFICATIONS

- mod. polyamide PA 12
- According to IEC EN 61386
Crush resistance: > 500 N
- According to IEC EN 61386
Cycles: > 5000000 ~
- According to IEC EN 61386
Tier: 4
- According to IEC EN 61386
System tear-out strength: > 150 N
- 40 – 120 °C short term 150 °C
- acc. to UL94 HB

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
Standard corrugation								
EW-PAE-06	83181650	Black	6.50	9.80	15.00	40.00	1.80	50
EW-PAE-M10/P7	83181652	Black	8.50	11.50	20.00	45.00	2.10	50
EW-PAE M12/P09, 200m	83988262	Black	9.60	12.80	21.00	51.00	2.80	200
EW-PAE-M12/P9	83181654	Black	9.60	12.80	21.00	51.00	2.80	50
EW-PAE-M16/P11	83181656	Black	11.90	15.60	28.00	68.00	3.80	50
EW-PAE M16/P11 Murrflex, sw, 200m	83988265	Black	11.90	15.60	28.00	68.00	3.80	200
EW-PAE-M20/P16	83181658	Black	15.50	20.80	36.00	70.00	5.80	50
EW-PAE M20/P16, 200m	83988263	Black	15.50	20.80	36.00	70.00	5.80	200
EW-PAE-M25/P21	83181660	Black	21.80	28.30	49.00	109.00	9.50	50
EW-PAE-M32/P29	83181662	Black	27.80	34.40	67.00	142.00	12.60	25
EW-PAE M32/P29, 200m	83988264	Black	27.80	34.40	67.00	142.00	12.60	200
EW-PAE-M40/P36	83181664	Black	34.90	42.00	81.00	191.00	17.00	25
EW-PAE-M50/P48	83181666	Black	47.00	54.00	102.00	237.00	22.80	25
EW-PAE-56 Jumbo	83181678	Black	56.00	67.30	110.00	310.00	40.00	25
EW-PAE-70 Jumbo	83181680	Black	67.40	79.00	200.00	390.00	48.00	25
EW-PAE-80 Jumbo	83181681	Black	79.00	93.00	220.00	440.00	62.00	15
EW-PAE-95 Jumbo	83181682	Black	89.70	105.00	265.00	500.00	83.00	10
EW-PAE-06 ¹⁾	83181610	Grey	6.50	9.80	15.00	40.00	2.00	50

Type EW-PAE

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
EW-PAE-M10/P7	83181612	Grey	8.50	11.50	20.00	45.00	2.10	50
EW-PAE-M12/P9	83181614	Grey	9.60	12.80	21.00	51.00	2.60	50
EW-PAE-M16/P11	83181616	Grey	11.90	15.60	28.00	68.00	3.60	50
EW-PAE-M20/P16	83181618	Grey	15.50	20.80	36.00	70.00	5.80	50
EW-PAE-M25/P21	83181620	Grey	21.80	28.30	49.00	109.00	9.50	50
EW-PAE-M32/P29	83181622	Grey	27.80	34.40	67.00	142.00	12.60	25
EW-PAE-M40/P36	83181624	Grey	34.90	42.00	81.00	191.00	17.00	25
EW-PAE-M50/P48	83181626	Grey	47.00	54.00	102.00	237.00	22.80	25
EW-PAE-56 Jumbo ¹⁾	83181638	Grey	56.00	67.30	110.00	310.00	35.00	25
EW-PAE-70 Jumbo ¹⁾	83181640	Grey	67.40	79.30	200.00	390.00	56.00	25
EW-PAE-95 Jumbo ¹⁾	83181642	Grey	89.70	105.80	265.00	500.00	80.00	10

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

MATERIAL PROPERTIES



mod. polyamide PA 12



High angle consistency

Crush resistance: > 500 N; Testing method: According to IEC EN 61386; Test value: M25/P21



Flexural fatigue strength

Cycles: > 5000000 ~; Testing method: According to IEC EN 61386; Test value: M25/P21



Impact strength

Tier: 4; Testing method: According to IEC EN 61386; Test value: M25/P21



System tear-out strength

System tear-out strength: > 150 N; Testing method: According to IEC EN 61386; Test value: M25/P21

THERMAL PROPERTIES



Temperature / temperature range

-40 – 120 °C short term 150 °C

FIRE PROPERTIES



Fire classification

acc. to UL94 HB

TECHNICAL INFORMATION



Halogen-free

DIN 53474



UV-resistant acc. to ISO 4892-2

Wir empfehlen die Farbe Schwarz

CONFORMITY



RoHS (EC Directive 2011/65/EU)

Type EW-PAE

APPROVALS AND OPERATING PERMITS



ROBI approval



Made in Germany

Cable protection conduit closed

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.

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