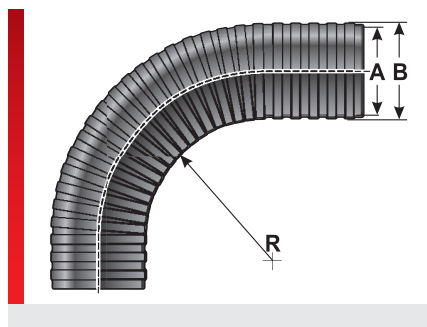
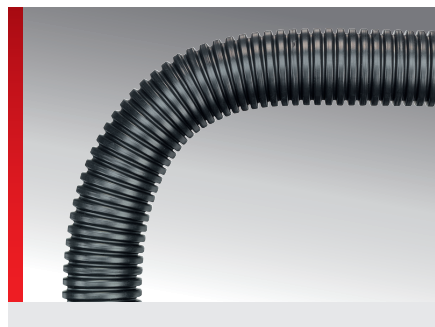


Type EW-PAE



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 characterized 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 °F Short periods 150 °F



acc. to UL94 HB



Article	Order No.	Color	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight lbs/100ft	MOQ m
EW-PAE-06	83181650	Black	6.40	9.80	15.00	40.00	2.00	50
EW-PAE-M10/P07	83181652	Black	8.50	11.50	20.00	45.00	2.10	50
EW-PAE M12/P09, 200m	83988262	Black	9.90	12.40	21.00	51.00	2.80	200
EW-PAE-M12/P9	83181654	Black	9.90	12.40	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, 200m	83988265	Black	11.90	15.60	28.00	68.00	3.80	200
EW-PAE-M20/P16	83181658	Black	15.60	21.00	36.00	70.00	5.80	50
EW-PAE M20/P16, 200m	83988263	Black	15.60	21.00	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	34.00	67.00	142.00	12.60	25
EW-PAE M32/P29, 200m	83988264	Black	27.80	34.00	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	46.30	53.90	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	79.30	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	105.80	265.00	500.00	83.00	10
EW-PAE-06 ¹⁾	83181610	Gray	6.40	9.80	15.00	40.00	2.00	50
EW-PAE-M10/P07	83181612	Gray	8.50	11.50	20.00	45.00	2.10	50

Type EW-PAE

Article	Order No.	Color	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight lbs/100ft	MOQ m
EW-PAE-M12/P09	83181614	Gray	9.90	12.40	21.00	51.00	2.80	50
EW-PAE-M16/P11	83181616	Gray	11.90	15.60	28.00	68.00	3.80	50
EW-PAE-M20/P16	83181618	Gray	15.60	21.00	36.00	70.00	5.80	50
EW-PAE-M25/P21	83181620	Gray	21.80	28.30	49.00	109.00	9.50	50
EW-PAE-M32/P29	83181622	Gray	27.80	34.00	67.00	142.00	12.60	25
EW-PAE-M40/P36	83181624	Gray	34.90	42.00	81.00	191.00	17.00	25
EW-PAE-M50/P48	83181626	Gray	46.30	53.90	102.00	237.00	22.80	25
EW-PAE-56 Jumbo ¹⁾	83181638	Gray	56.00	67.30	110.00	310.00	40.00	25
EW-PAE-70 Jumbo ¹⁾	83181640	Gray	67.40	79.30	200.00	390.00	48.00	25
EW-PAE-95 Jumbo ¹⁾	83181642	Gray	89.70	105.80	265.00	500.00	83.00	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 °F Short periods 150 °F

FIRE BEHAVIOR



acc. to UL94 HB

TECHNICAL INFORMATION



Halogen-free

DIN 53474



UV resistant acc. to ISO 4892-2

Wir empfehlen die Farbe Schwarz

APPROVALS AND OPERATING PERMITS



ROBI approval



F&E/P3-ENr. 40-1

Type EW-PAE

GENERAL INFORMATION



Made in Germany

All details given in our sales brochures and catalogs, as well as the information available online, are based on our current knowledge of the products described.

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