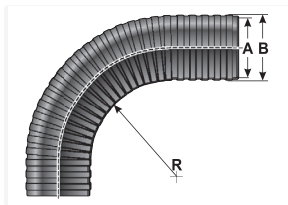




Type EW-PAE



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 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

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
EW-PAE-06	83181650	Black	1	6.4	9.8	15	40	2.0	50
EW-PAE-M10/P7	83181652	Black	1	8.5	11.5	20	45	2.1	50
EW-PAE M12/P09, 200m	83988262	Black	0	9.9	12.4	21	51	2.8	200
EW-PAE-M12/P9	83181654	Black	1	9.9	12.4	21	51	2.8	50
EW-PAE-M16/P11	83181656	Black	1	11.9	15.6	28	68	3.8	50
EW-PAE M16/P11 Murrflex, sw, 200m	83988265	Black	0	11.9	15.6	28	68	3.8	200
EW-PAE-M20/P16	83181658	Black	1	15.6	21	36	70	5.8	50
EW-PAE M20/P16, 200m	83988263	Black	0	15.6	21	36	70	5.8	200
EW-PAE-M25/P21	83181660	Black	1	21.8	28.3	49	109	9.5	50
EW-PAE-M32/P29	83181662	Black	1	27.8	34	67	142	12.6	25
EW-PAE M32/P29, 200m	83988264	Black	0	27.8	34	67	142	12.6	200



Type EW-PAE

Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	PU m
EW-PAE-M40/P36	83181664	Black	1	34.9	42	81	191	17.0	25
EW-PAE-M50/P48	83181666	Black	1	46.3	53.9	102	237	22.8	25
EW-PAE-56 Jumbo	83181678	Black	1	56	67.3	110	310	40.0	25
EW-PAE-70 Jumbo	83181680	Black	1	67.4	79.3	200	390	48.0	25
EW-PAE-80 Jumbo	83181681	Black	1	79	93	220	440	62.0	15
EW-PAE-95 Jumbo	83181682	Black	1	89.7	105.8	265	500	83.0	10
EW-PAE-06 ¹⁾	83181610	Gray	0	6.4	9.8	15	40	2.0	50
EW-PAE-M10/P7	83181612	Gray	0	8.5	11.5	20	45	2.1	50
EW-PAE-M12/P9	83181614	Gray	0	9.9	12.4	21	51	2.8	50
EW-PAE-M16/P11	83181616	Gray	0	11.9	15.6	28	68	3.8	50
EW-PAE-M20/P16	83181618	Gray	0	15.6	21	36	70	5.8	50
EW-PAE-M25/P21	83181620	Gray	0	21.8	28.3	49	109	9.5	50
EW-PAE-M32/P29	83181622	Gray	0	27.8	34	67	142	12.6	25
EW-PAE-M40/P36	83181624	Gray	0	34.9	42	81	191	17.0	25
EW-PAE-M50/P48	83181626	Gray	0	46.3	53.9	102	237	22.8	25
EW-PAE-56 Jumbo ¹⁾	83181638	Gray	0	56	67.3	110	310	40.0	25
EW-PAE-70 Jumbo ²⁾	83181640	Gray	0	67.4	79.3	200	390	48.0	25
EW-PAE-95 Jumbo ²⁾	83181642	Gray	0	89.7	105.8	265	500	83.0	10

¹⁾ Discontinued product!

²⁾ No stock goods, delivery time and minimum order quantities upon request



Type EW-PAE

Material properties



mod. polyamide PA 12



High angle consistency >500 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 >150 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, Fuels, Lyes, Mineral oils, Weak acids

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2

Approvals and operating permits



ROBI approval



ECOLAB approval

General information



Made in Germany