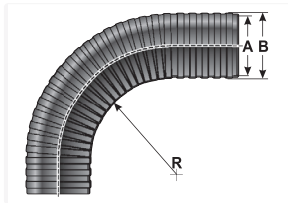




Type EWL-PAB



Product information

The EWL-PAB cable protection conduits are made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The affordable EWL-PAB cable protection conduits are characterized by their excellent self-extinguishing properties and high crush and impact resistance. For static applications involving low to medium mechanical loads.

Specification:

- EN 45545-2 3x HL3
- ECE 324 R 118 Annex 6+8

Applications:

- Plant engineering
- Mechanical engineering
- Vehicle engineering

Information, conformities and approvals



Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	PU m
EWL-PAB 06	83164152	Black	1	6.9	10	23	1.5	100
EWL-PAB 06, drum	83165200	Black	1	6.9	10	23	1.5	2000
EWL-PAB M10/P07	83164154	Black	1	8.55	11.5	20	1.8	100
EWL-PAB M10/P07, drum	83165201	Black	1	8.55	11.5	20	1.8	1900
EWL-PAB M12/P09	83164156	Black	1	9.9	13	20	2.2	100
EWL-PAB M12/P09, 500m ¹⁾	83164157	Black	1	9.9	13	20	2.2	500
EWL-PAB M12/P09, drum	83165202	Black	1	9.9	13	20	2.2	1500
EWL-PAB-M16/P11	83164158	Black	1	12.2	15.7	25	2.9	100
EWL-PAB M16/P11, 500m ¹⁾	83164104	Black	1	12.2	15.7	25	2.9	500
EWL-PAB M16/P11, drum	83165203	Black	1	12.2	15.7	25	2.9	1000
EWL-PAB M18/P13	83164161	Black	1	14.2	18.4	40	4.0	100



Type EWL-PAB

Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	PU m
EWL-PAB M18/P13, drum	83165204	Black	1	14.2	18.4	40	4.0	750
EWL-PAB-M20/P16S	83164164	Black	1	16.5	20.9	45	5.4	100
EWL-PAB-M20/P16	83164162	Black	1	15.6	21.2	50	6.3	100
EWL-PAB M20/P16, 300m ¹⁾	83164105	Black	1	15.6	21.2	50	6.3	300
EWL-PAB M20/P16, drum	83165205	Black	1	15.6	21.2	50	6.3	450
EWL-PAB-M25/P21S	83164167	Black	1	23.1	28.3	50	7.4	100
EWL-PAB-M25/P21	83164166	Black	1	22.1	28.5	55	9.6	100
EWL-PAB M25/P21, 250m ¹⁾	83164103	Black	1	22.1	28.5	55	9.6	250
EWL-PAB M25/P21, drum	83165207	Black	1	22.1	28.5	55	9.6	330
EWL-PAB-M32/P29S	83164169	Black	1	28.5	34.5	60	10.6	50
EWL-PAB M32/P29S, 200m	83980335	Black	1	28.5	34.5	60	10.6	200
EWL-PAB M32/P29, drum	83165209	Black	1	27.8	34.5	70	3.96	240
EWL-PAB-M32/P29	83164168	Black	1	27.8	34.5	70	10.8	50
EWL-PAB M32/P29, 200m ¹⁾	83164174	Black	1	27.8	34.5	70	10.8	200
EWL-PAB-M40/P36S	83164171	Black	1	36.2	42.1	75	12.8	25
EWL-PAB-M40/P36	83164170	Black	1	35	42.6	80	12.8	25
EWL-PAB-M50/P48S	83164173	Black	1	47.5	54.5	90	17.0	25
EWL-PAB M50/P48	83164172	Black	1	46.3	53.9	100	17.0	25
EWL-PAB 56	83164176	Black	1	56.3	70	160	30.0	25
EWL-PAB 70	83164175	Black	1	66	78.8	200	40.0	25



Type EWL-PAB

Article	Order No.	Color	UV	A Ø mm	B Ø mm	R stat. mm	Weight kg/100m	PU m
EWL-PAB 06	83164178	Gray	0	6.9	10	23	1.5	100
EWL-PAB-M10/P07	83164180	Gray	0	8.55	11.5	20	1.8	100
EWL-PAB-M12/P09	83164182	Gray	0	9.9	13	20	2.2	100
EWL-PAB-M16/P11	83164184	Gray	0	12.2	15.7	25	2.9	100
EWL-PAB-M18/P13	83164186	Gray	0	14.2	18.4	40	4.0	100
EWL-PAB-M20/P16S	83164189	Gray	0	16.5	20.9	45	5.4	100
EWL-PAB-M20/P16	83164188	Gray	0	15.6	21.2	50	6.3	100
EWL-PAB-M25/P21S	83164191	Gray	0	23.1	28.3	50	7.4	100
EWL-PAB-M25/P21	83164190	Gray	0	22.1	28.5	55	9.6	100
EWL-PAB-M32/P29S	83164193	Gray	0	28.5	34.5	60	10.6	50
EWL-PAB-M32/P29	83164192	Gray	0	27.8	34.5	70	10.8	50
EWL-PAB-M40/P36S	83164195	Gray	0	36.2	42.1	75	12.8	25
EWL-PAB-M40/P36	83164194	Gray	0	35	42.6	80	12.8	25
EWL-PAB-M50/P48S	83164197	Gray	0	47.5	54.5	90	17.0	25
EWL-PAB-M50/P48	83164196	Gray	0	46.3	53.9	100	17.0	25

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



Type EWL-PAB

Material properties



mod. polyamide PA 6



High angle consistency >1100 N
According to IEC EN 61386 M25/P21



Flexural fatigue strength >16000 ~
According to IEC EN 61386 M25/P21



Impact strength 4 According
to IEC EN 61386 M25/P21

Thermal properties



Temperature / temperature range -40 °C – 120 °C
short term short term: 160 °C

Fire properties



Fire classification acc. to
UL94: V0 self-extinguishing

Fire properties as per EN 45545-2 C.I.T. R22 / R23 HL3 ; Ds (max.) R22 / R23 HL3 ; LOI R22 / R23 HL3 : 0.61, 68, 32 % (max.) 70-100-1/-2 600°C (1112 °F), ISO 5659-2 (25 kBT/m²), ISO 4589-2



Fire properties as per NFPA ASTM E 162, ASTM E 1354, ASTM E 662, Boeing BSS 7239, Boeing BSS 7242, Bombardier SMP 800-C

Chemical resistance



Resistant to: Alcohol, Mineral oils, Greases, Fuels

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval



cURus approval



ECOLAB approval

General information



Made in Germany

All data given in our brochures, 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 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.