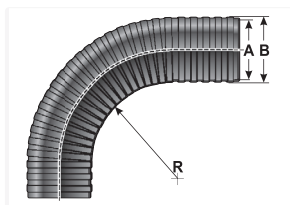




Typ EWL-PAB, or



Product information

EWL-PAB cable protection conduits are made of a specially modified UV-stabilized polyamide 6 in the signal color orange (RAL 2003). They are characterized by excellent self-extinguishing properties as well as high crush and impact resistance and are suitable for static and slightly dynamic applications involving low to medium mechanical loads.

Specification:

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

Applications:

- Electromobility
- 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	83164106	Orange	1	6.9	10	23	1.5	100
EWL-PAB M10/P07	83164108	Orange	1	8.55	11.5	20	1.8	100
EWL-PAB M12/P09	83164109	Orange	1	9.9	13	20	2.2	100
EWL-PAB M16/P11S	83164111	Orange	1	12.8	15.7	25	2.9	100
EWL-PAB M20/P16S	83164114	Orange	1	16.5	20.9	45	5.4	100
EWL-PAB M25/P21S	83164116	Orange	1	23.1	28.3	50	7.4	100
EWL-PAB M32/P29S	83164119	Orange	1	28.8	34.5	60	10.6	50
EWL-PAB M40/P36S	83164121	Orange	1	36.2	42.1	75	12.8	25
EWL-PAB M50/P48S	83164123	Orange	1	47.5	54.5	90	17.0	25

Material properties



Typ EWL-PAB, or



mod. polyamide PA 6



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



Flexural fatigue strength >8000 ~ 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 NF X 70-100-1/-2
600°C (1112 °F), ISO 5659-2 (25 κВт/м²), 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)



Typ EWL-PAB, or

Specials for operating permits



Technical approval



cURus approval