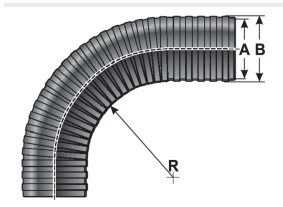
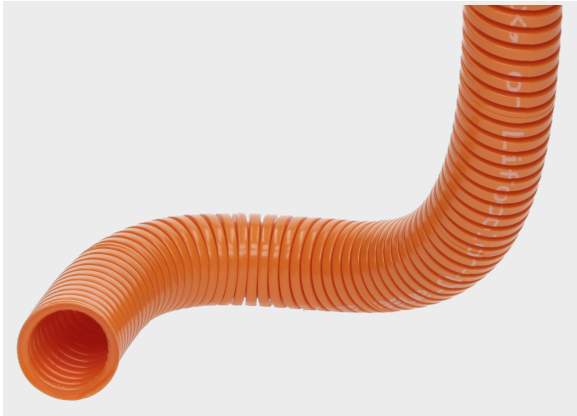




Typ EWL-PAB, or



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.

- Applications:
- Electromobility
 - Vehicle engineering

Information, conformities and approvals



Article	Order No.	Color	UV	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EWL-PAB 06	83164106	Orange	✓				6.9	10	23/-	1.5	100
EWL-PAB M10/P07	83164108	Orange	✓	M10	PG07	NW 7	8.55	11.5	20/-	1.8	100
EWL-PAB M12/P09	83164109	Orange	✓	M12	PG09	NW 10	9.9	13	20/-	2.2	100
EWL-PAB M16/P11S	83164111	Orange	✓	M16	PG11	NW 12	12.8	15.7	25/-	2.9	100
EWL-PAB M20/P16S	83164114	Orange	✓	M20	PG16	NW 17	16.5	20.9	45/-	5.4	100
EWL-PAB M25/P21S	83164116	Orange	✓	M25	PG21	NW 23	23.1	28.3	50/-	7.4	100
EWL-PAB M32/P29S	83164119	Orange	✓	M32	PG29	NW 29	28.8	34.5	60/-	10.6	50
EWL-PAB M40/P36S	83164121	Orange	✓	M40	PG36	NW 36	36.2	42.1	75/-	12.8	25
EWL-PAB M50/P48S	83164123	Orange	✓	M50	PG48	NW 48	47.5	54.5	90/-	17.0	25

Material properties



mod. polyamide PA 6 II



Typ EWL-PAB, or

Material properties



High angle consistency >550 N >950 N 50 x 50 mm 100 x 100 mm According to IEC EN 61386 According to IEC EN 61386 M25/P21 M25/P21 Testing at 23 °C Testing at 23 °C



Flexural fatigue strength >8000 ~ According to IEC EN 61386 M25/P21 Testing at -45 °C



Impact strength 3 According to IEC EN 61386 M25/P21 Testing at -25 °C



System tear-out strength >270 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO

Thermal properties



Temperature / temperature range -45 °C – 120 °C / 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 : 0.61 NF X 70-100-1/-2 600 °C (1112 °F) Ds (max.) R22 / R23 HL3 : 68 ISO 5659-2 (25 kW/m²) LOI R22 / R23 HL3 : 32 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 resistances



Resistant to: Alcohol Mineral oils Greases Fuels

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2



Interior



exterior



Typ EWL-PAB, or

Conformity



RoHS (EC Directive 2011/65/EU)



ECE 324 R 118

Approvals and operating permits



EU railway approval



cURus approval

Classification



ETIM 9: EC001175 || eClass 14: 27430305 || UNSPSC: 39131601 ||

General information



Made in Germany