

Technical-Data-Sheet

AMX-C

Automatic cast resin mixing system

with static mixer

Cartridge filled with two-component PUR cast resin for easy casting of connection and branch boxes and cast resin joints in a single operation without time-consuming preparation of cast resin components. Suitable for low voltage polymeric-insulated cables up to 1 kV; ideal for boxes with smaller volume. REACH Regulation on the restriction of diisocyanates (for EU countries only). The European Commission amended Annex XVII of the REACH Regulation (EC) (new number 74) with Regulation (EU) 2020/1149, which entered into force on 24 August 2020. In accordance with the new REACH Regulation, appropriate training will be required prior to the industrial or professional use of diisocyanates, adhesives and sealants as of 24 August 2023. All information regarding training materials and training courses is available on the ISOPA/ALIPA website <https://www.safeusediisocyanates.eu/>



Product description

| | |
|--------------------|--|
| Article name | AMX-C 1200-EGK |
| Material number | 249007 |
| Characteristics | Mixing and casting in one step Less workload as no preparatory work such as kneading is necessary Safe and automatic mixing of cast resin components during application Favourable flow properties Resistant to alkaline earth elements Halogen-free Stabilized against UV rays Not harmful to the environment No fracturing under mechanical tension No fracturing under electrical stress Excellent adhesion to all cable materials Low hardening temperature Clean application and precise dosing |
| Applications | Indoor Outdoor Underground Connection and branch boxes Cast resin joints |
| Family notes | Static mixer can be ordered separately or as part of the AMX cleaning accessory kit (static mixer, cleaning tissue and gloves). |
| Optional accessory | Caulking gun AMX-HPT 310 (see Accessories) |

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Technical data

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|--|--------------------------|
| Voltage levels | U0/U (Um) 0,6/1 (1,2) kV |
| Test standards | DIN VDE 0278-631-1 |
| Content | 1200 ml |
| Viscosity (20 °C) | 1700 mPas |
| Tensile strength | 13 N/mm ² |
| Hardness | 50 Shore D |
| Density | 1.1 g/cm ³ |
| Density cured casting compound (associated standard) | ISO 1183-1 |
| Elongation at break | 60 % |
| Operating temperature range min | -40 °C |
| Operating temperature range max | 105 °C |

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Logistics data

| | |
|------------------------|----------------------|
| Delivery scope | Cast resin cartridge |
| | Static mixer |
| Shelf life | 24 Month |
| Storage temperatur max | 35 °C |
| Storage temperatur min | 15 °C |
| Country of origin | Switzerland |
| Customs tariff number | 39095090 |

| | | | | |
|-----------------------------|------------------|------------------|------------------|------------------|
| EAN-UPC | 4010311132167 | | | |
| Base quantity | 1 | 1 | 6 | 6 |
| Base unit of measure | Piece | Piece | Piece | Piece |
| Alternate quantity | 1 | 1 | 1 | 1 |
| Alternative unit of measure | Piece | Bag1 | Carton | Pack |
| Lenght | 300 | 300 | 370 | 370 |
| Width | 185 | 185 | 325 | 325 |
| Height | 90 | 90 | 250 | 250 |
| Dimension unit | Millimetres | Millimetres | Millimetres | Millimetres |
| Volume | 4.995 | 4.995 | 30.063 | 30.063 |
| Volume unit | Cubic decimetres | Cubic decimetres | Cubic decimetres | Cubic decimetres |
| Gross weight | 1.642 | 1.642 | 10.152 | 9.857 |
| Net weight | 1.642 | 1.642 | 9.852 | 9.852 |
| Weight unit | Kilogram | Kilogram | Kilogram | Kilogram |