



Two-component polyurethane cast resin

RELICON PUR 771

The RELICON PUR 771 cast resin has been created for the electrical insulation and mechanical protection of cable connections in low-voltage electrical networks. Also suitable as mechanical and moisture protection on medium-voltage cable connections.

Application: For indoor and outdoor use.

Features and benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Cold curing and very hydrophobic, to cast under the influence of water
- High hydrolytic stability and good curing at low temperatures
- UV, ageing and weather resistant
- Outstanding impact strength and resistance to moisture and atmospheric corrosion
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste
- Halogen free



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MATERIAL	Polyurethane resin (PUR)
Colour	Black (BK)
Operating Temperature	-25 °C to +130 °C
Mixing Ratio (weight)	100:22
Exothermicity max.	+71 °C
Gel Time	70 min. 5 °C, 20 min. 23 °C, 8 min. 40 °C
Pot Life	50 min. 5 °C, 15 min. 23 °C, 5 min. 23 °C
Dielectric Strength	>20 kV/mm
Viscosity	4000 mPa*s, 5 °C (EN ISO 2555), 2000 mPa*s, 23 °C (EN ISO 2555)
Impact Strength	16 kJ/m ²
Shore Hardness D	56±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months

HF ✓

RoHS ✓

TYPE	Resin Quantity	Article-No.
Resin-771-SF_N	95 ml/130 g	435-01238
	165 ml/226 g	435-01239
	240 ml/329 g	435-01240
	400 ml/548 g	435-01241
	455 ml/623 g	435-01242
	490 ml/671 g	435-01243
	655 ml/897 g	435-01244
	955 ml/1308 g	435-01245
	1140 ml/1562 g	435-01246
	1445 ml/1980 g	435-01247
	1950 ml/2672 g	435-01248

Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.