



Two-component cold casting compound

RELICON Reliflex

The RELICON Reliflex cast resin is a non-toxic cold casting compound based on hydrocarbon resins for the low-voltage electrical networks. The very hydrophobic resin has been created for electrical insulation and moisture protection of cable connections. After curing, Reliflex is extremely resistant to moisture and has excellent insulating properties.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Colour changes from beige to yellow whilst mixing
- Safe-Filling system (SF)
- Excellent flow properties, low volume shrinkage
- Fast gelling, curing without developing heat
- 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
- Excellent adhesion to polymeric cables and wires made of PVC, XLPE, PE, EPR
- Resistance to moisture and atmospheric corrosion
- Soft elastic, vibration absorbing, removable
- Non-toxic, free of silicone and isocyanate
- SVHC-free, contains no hazardous substances, the cured product can be disposed of with house hold waste



Two-component cold casting compound Reliflex.

MATERIAL	Cold sealing compound Reliflex (Reliflex)
Colour	Yellow (YE)
Operating Temperature	-40 °C to +90 °C
Mixing Ratio (weight)	100:40
Exothermicity max.	-
Gel Time	45 min. 5 °C, 25 min. 23 °C, 14 min. 40° C
Pot Life	40 min. 5 °C, 20 min. 23 °C, 10 min. 40 °C
Dielectric Strength	>10 kV/mm
Viscosity	5000 mPa*s, 5 °C (EN ISO 2555), 3300 mPa*s, 23 °C (EN ISO 2555)
Shore Hardness A	20±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	36 months

RoHS✓

TYPE	Resin Quantity	Article-No.
Resin-RF-B-SF	95 ml / 116 g	435-00550
	165 ml / 201 g	435-00551
	220 ml / 268 g	435-00552
	240 ml / 293 g	435-00553
	400 ml / 488 g	435-00554
	455 ml / 555 g	435-00555
	490 ml / 598 g	435-00556
	655 ml / 799 g	435-00557
	955 ml / 1165 g	435-00558
	1140 ml / 1391 g	435-00559
	1445 ml / 1763 g	435-00560
	1640 ml / 2001 g	435-00561
	1950 ml / 2379 g	435-00562
	2045 ml / 2495 g	435-00563

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