



### Two-component epoxy resin

#### RELICON EP 20

The RELICON EP 20 epoxy resin has been created for use in low- and medium-voltage electrical networks. It is cold curing, highly impact-resistant and the low exothermic reaction makes it possible to cast even larger volumes.

Application: For indoor and outdoor use.

#### Features and Benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Low exothermic reaction
- 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
- Very high thermal and chemical resistance
- Outstanding impact strength and resistance to moisture and atmospheric corrosion
- Halogen free



Two-component epoxy resin EP20.

MATERIAL	Epoxy resin EP20 (EP20)
Colour	Yellow (YE)
Operating Temperature	-20 °C to +140 °C
Mixing Ratio (weight)	100:65
Exothermicity max.	+100 °C
Pot Life	8 min. 40 °C, 18 min. 23 °C, 35 min. 5 °C
Dielectric Strength	>20 kV/mm
Viscosity	2000 mPa*s, 23 °C (EN ISO 2555)
Shore Hardness D	70±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	48 months

HF ✓

RoHS ✓

TYPE	Resin Quantity	Article-No.
Resin-20-B-SF	95 ml / 103 g	435-00450
	165 ml / 178 g	435-00451
	220 ml / 238 g	435-00452
	240 ml / 259 g	435-00453
	400 ml / 432 g	435-00454
	455 ml / 491 g	435-00455
	490 ml / 529 g	435-00456
	655 ml / 707 g	435-00457
	955 ml / 1031 g	435-00458
	1140 ml / 1231 g	435-00459
	1445 ml / 1561 g	435-00460
	1640 ml / 1771 g	435-00461
	1950 ml / 2106 g	435-00462
	2045 ml / 2209 g	435-00463

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