



Two-component polyurethane cast resin

RELICON PUR 44 Flex

The RELICON PUR 44 Flex cast resin has been created for the electrical insulation, mechanical protection and repair of flexible cable connections for the low-voltage electrical network.

Application: For indoor and outdoor use.

Features and Benefits

- In a practical, transparent two-chamber pouch
- Safe-Filling system (SF)
- Excellent flow properties, cold curing
- Resistance to moisture and atmospheric corrosion
- Vibration absorbing, abrasion and chemical resistant
- UV, ageing and weather resistant
- Reelable and permanently flexible, even at sub-zero temperatures
- 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 44 Flex (PUR44 Flex)
Colour	Black (BK)
Operating Temperature	-25 °C to +120 °C
Mixing Ratio (weight)	100:22
Exothermicity max.	+80 °C
Gel Time	35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C
Pot Life	35 min. 5 °C, 15 min. 23 °C, 6 min. 40 °C
Dielectric Strength	20 kV/mm
Viscosity	2500 mPa*s, 23 °C (EN ISO 2555)
Shore Hardness A	60±5
Storage Temperature	+4 °C to +40 °C
Shelf Life	24 months



TYPE	Resin Quantity	Article-No.
Resin-44Flex-B-SF	95 ml / 114 g	435-00350
	165 ml / 198 g	435-00351
	220 ml / 264 g	435-00352
	240 ml / 288 g	435-00353
	400 ml / 480 g	435-00354
	455 ml / 546 g	435-00355
	490 ml / 588 g	435-00356
	655 ml / 786 g	435-00357
	955 ml / 1146 g	435-00358
	1140 ml / 1368 g	435-00359
	1445 ml / 1734 g	435-00360
	1640 ml / 1968 g	435-00361
	1950 ml / 2340 g	435-00362
	2045 ml / 2454 g	435-00363

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