Material Datasheet	2- component cold casting compound Reliflex		
Description:	Relicon® Reliflex is a non toxic two component cold casting comound based on hydrocarbon resins for use in the low- voltage range. Relicon Reliflex has the classification of and LI-W according to CENELEC HD 631.1 S2. After hardening, Relicon® Reliflex is a characterised by its excellent resistance to dampness and ist outstanding insulating properties.		
Application:	Electrical insulation for low- voltage sleeves indoors and outdoors as well as for casting under water.		
Properties:	Excellent flow behaviour Fast gelling Very hydrophobic, can be cast under water In a practical, transparent two- champer pounch Visible homogeneous mixing thanks to the patented colour change from beige to yellow Removable Excellent hydrolytic stability Little volume shrinkage Excellent adhesion on all plastic cables Flexible Outstanding insulating properties Hardens without any build- up of heat Silicone- free and isocyabate- free Non- toxic according to the current CLP directive Enviromentally friendly No danger to health during processing		
Processing properties:	Mixing ratio: Pot time Gel time	A:B bei 5°C bei 23°C bei 40°C bei 5°C bei 23°C bei 40°C	100:40 40 min. 20 min. 10 min. 45 min. 25 min.
Physical properties:	Comonent A (resin) Density at 20°C Viscosity at 25°C Comonent B (hardener) Density at 20°C Viscosity at 25°C Mixed cast resin Density at 20°C Viscosity at 20°C Viscosity at 23°C Hardening under water, gas volume	1,36 g/cm ³ 3000 mPa*S 1,06 g/cm ³ 4000 mPa*S 1,22 g/cm ³ 5000 mPa*S 3300 mPa*S < 1 ml	DIN EN ISO 2811-2 EN ISO 2555 DIN EN ISO 2811-2 EN ISO 2555 DIN EN ISO 2811-2 EN ISO 2555 EN ISO 2555 EN ISO 2555 HD 631.1 S2
Mechanical properties: (hardened)	Temperature resistance Shore hardness A	-40 / +90°C ~ 17	EN ISO 868
Electrical properties: (hardened)	Dielectric strength 23°C	> 10 kV/mm	EN 60243-1

HellermannTyton

HellermannTyton GmbH Grosser Moorweg 45 D-25436 Tornesch

Telefon: +49 (0) 4122/701-1 Telefax: +49 (0) 4122/701-400

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2- component cold casting compound Reliflex

Usage information:

The resin is delivered in a transparent two- chamber plastic pouch. Both components are seperated ba a middle seam. In order to protect the resin from dampness and the thereby guarantee optimal durability of the products, the transparent plastic pouch is shrink-wrapped in a paper pouch laminated with aluminium. Further instructions for use and processing can be found an this data sheet or on the product packaging.

Storage:

Das Relicon® Reliflex must be stored in a protective aluminium pouch at ambient temperatures of between 5°C and 40°C. When stored appropratley, the product can be stored for 36 months. The expiry date can be found on the product packaging.

Safety information:

Safety information relating to the potential effects an health, safe handling, storage, usage and disposal of the product can be found on our product- specific safety data sheet.

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



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