



## GUROFLEX-N

### LABEL-FREE, TWO COMPONENT CASTING MATERIAL

#### KEY FEATURES

- Not subject to classification according REACH and CLP (labelfree)
- Environmental friendly
- Isocyanate- and solvent free
- Easy to use
- Excellent electrical properties
- No temperature rise during reaction
- Storage temperature from -20°C (frost resistant) up to +40°C
- Installation down to -10°C possible

TE Connectivity's (TE) GUROFLEX-N is a state-of-the-art, environmentally friendly and easy to handle two-component casting material. It is based on hydrocarbon resins made of renewable raw materials and is completely free of isocyanate. A particular advantage of these resins is that they are not subject to any labelling according to the legislation for hazardous materials. During processing no special precautions are required.

In addition, hydrocarbon resins are known for their low water absorption, excellent electrical insulation properties and high elasticity over a wide temperature range. GUROFLEX-N is resistant to low temperatures and can be stored at temperatures between -20°C and +40°C.

Installation is possible even down to -10°C. Thanks to its water repellent properties, GUROFLEX-N is moisture resistant and avoids the formation of foam or bubbles when it comes in contact with water (e.g. rain drops) during curing. Preparation of GUROFLEX-N takes place immediately before casting. The two components are mixed either in a double chamber bag or in a can, and then the cross-linking process starts.

Compared to the cross-linking reaction of many other casting materials, GUROFLEX-N produces no heat during the cross-linking reaction, thus avoiding splitting or cracking caused by shrinkage of the setting material. Due to the soft-elastic consistency GUROFLEX-N is easily re-enterable. GUROFLEX-N can be used in all self-supporting joint systems up to 1 kV.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



TE's GUROFLEX-N is suitable for filled XLPE, PE, PVC and paper insulated cables. System-tested according CENELEC EN 59393. System-tested according CENELEC HD 631.1 S2 (LI-W-LT/HT). GUROFLEX-N is system-tested according to CENELEC EN 50393 and HD 631.1 S2.

TECHNICAL DATA	
Color	green
Shelf Life	24 months
Reaction Temperature	none
Pot Life at 23 °C	10 mins
Storage Temperature	-20 °C min/40 °C max
Hardness	24 Shore A
Tensile Strength	0,35 MPa
Elongation at break	75 %
Dielectric strength	10 kV/mm

PRODUCT SELECTION INFORMATION			
Description	Delivery Form	Volume	Part Number
GUROFLEX-N-D035	double chamber bag	0,35 L	EE3387-000
GUROFLEX-N-D055	double chamber bag	0,55 L	EE3388-000
GUROFLEX-N-D080	double chamber bag	0,8 L	EE3389-000
GUROFLEX-N-D100	double chamber bag	1,0 L	EE3390-000
GUROFLEX-N-D120	double chamber bag	1,2 L	EE3491-000
GUROFLEX-N-D140	double chamber bag	1,4 L	EE3391-000
GUROFLEX-N-D160	double chamber bag	1,6 L	EE3392-000
GUROFLEX-N-D170	double chamber bag	1,7 L	EE3393-000
GUROFLEX-N-D215	double chamber bag	2,15 L	EE3394-000
GUROFLEX-N-D245	double chamber bag	2,45 L	EE3395-000
GUROFLEX-N-C055	cans	0,55 L	EE3480-000
GUROFLEX-N-C100	cans	1,0 L	EE3482-000
GUROFLEX-N-C120	cans	1,2 L	EE3484-000
GUROFLEX-N-C160	cans	1,6 L	EE3378-000
GUROFLEX-N-C170	cans	1,7 L	EE3379-000
GUROFLEX-N-C215	cans	2,15 L	EE3380-000
GUROFLEX-N-C245	cans	2,45 L	EE3381-000
GUROFLEX-N-C385	cans	3,85 L	EE3382-000
GUROFLEX-N-C400	cans	4 L	EE3383-000
GUROFLEX-N-C490	cans	4,9 L	EE3384-000
GUROFLEX-N-C500	cans	5 L	EE3385-000
GUROFLEX-N-C550	cans	5,5 L	EE3490-000
GUROFLEX-N-C570	cans	5,7 L	EE3386-000

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