



GUROFLO LIQUID INSULATING COMPOUND FOR MEDIUM VOLTAGE APPLICATIONS

KEY FEATURES

- For medium voltage applications
- Not subject to classification according REACH and CLP (labelfree)
- Isocyanate and solvent free
- Easy to use - no mixing necessary
- Water blocking by skin formation
- Easy re-entering
- Self-sealing

TE Connectivity (TE)'s GUROFLO liquid insulating compound is a fluid silicone compound. In the absence of moisture GUROFLO compound remains liquid, thus avoiding the generation of voids. When the fluid comes in contact with water or humid air, the material reacts to form a soft and perfectly insulating silicone elastomer.

It has excellent electrical characteristics and is suitable for a wide range of bulk insulation applications in medium voltage electrical power equipment. GUROFLO insulating compound is a cold pour material, there are none of the serious hazards associated with the heating and pouring of conventional bitumen compounds. One of the outstanding advantages of its chemical make-up is that the GUROFLO compound is non-hazardous and does not contribute to environmental problems.

The application for GUROFLO filling compound is for cable termination boxes and bus bar enclosures associated with transformers, switchgear and motors. It is the ideal solution for non-air clearance cable boxes where the phase metalwork cannot satisfactorily be insulated with heat-shrink components or other applied insulation.

TE Connectivity's GUROFLO compound allows easy re-entering or access, e.g. for maintenance and repair. The material stays liquid. Skin formation on the surface due to water or humidity ingress can easily be removed mechanically. The skin formation acts also as self-seal if poured enclosure develops a leak.

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

GUROFLO liquid insulating compound



GUROFLO liquid insulating compound has undergone extensive testing based on the requirements of CENELEC cable accessories performance standard HD 629.1 for rated voltage up to 36 kV.

Technical information

Colour	white-milky-translucent
Skin formation time	80 mins
Specific gravity	0,98 g/cm ³
Viscosity	10 Pa•s
Dielectric strength	23 kV/mm
Volume resistivity	10 ¹⁵ Ω•cm
Permittivity @ 50 Hz	2.9
Dissipation factor @ 50 Hz	3•10 ⁻⁴

Ordering information

Part number	Description	Volume
EL5258-000	GUROFLO-H500	5 L

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