



Gel: UL 94-HB

Dielectric strength:

>23 kV/mm

Cross linking time:

fast (about 10 min. at 23°C)

Volume resistivity:

>2 . 10¹⁵ Ω cm

Working temperature:

-60°C / +200°C

Overload temperature

for short periods:

up to 250°C

Stabilised for:

mould - UV

Degree of protection:

IP68 (in proper casings)

Magic Gel

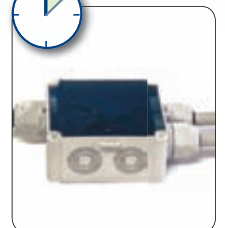
Bicomponent gel with very high dielectric and thermal characteristics, ideal for connection systems (joint shells or enclosures) for power cables

Insulating and sealing gel, when cast in suitable casings, ensures an IP68 degree of protection and is able to replace all types of resins. This is a self-sealing polymer insulation in two practical bottles with cold cross linking. Once poured, the insulation, characterised by very low viscosity, surrounds and envelopes any type of material, cross linking in less than 10 minutes. Completely non-toxic, cross linking with a very low isothermal peak that does not thermally stress the materials it comes into contact with.

- For high temperature applications!
- Quick cross linking (only 10 minutes)
- Re-enterable also after long working periods
- Non-toxic and safe with no shelf life
- Low viscosity



Installation sequence



1 minute max

<10 minutes

Examples of use

**Problem ENERGY**

What does a gel for this type of system have to give?

- ✓ **INSULATION**
Elevated voltages
(1 kV operating, 4 kV testing)
- ✓ **THERMAL PERFORMANCE**
Operating temperature 90°C,
overload temperature 130°C,
short circuit temperature 250°C
- ✓ **SEALING**
Installations also possible in
humid environments, flooded
wells
- ✓ **DEGREE OF PROTECTION**
Must also work with water
between the cores of the cable
- ✓ **CERTIFIED SYSTEMS**
The combination of insulation
gel + casing must comply with
current standards CEI 20-33 and
EN 50393

Solution: *Magic Gel* meets all your Energy system requirements!

Magic Gel

Product	Colour	Package type	Total quantity
Magic Gel 300	●	2 bottles	300 ml
Magic Gel 1000	●	2 bottles 1 small basin - 1 mixing spoon	1000 ml
Magic Gel 2000	●	2 bottles 1 small basin - 1 mixing spoon	2000 ml
Magic Gel 10000	●	2 tanks 1 small basin - 1 mixing spoon	10 lt



**Ray
tech**