

## TECHNICAL DATA SHEET

Reference *OneGel*

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**OneGel** is a silicon rubber gel. The gel has a very low hardness, it is very elastic with a strong stickness. Easy to use, it must be applied from the bottom to the top with the dispenser constantly immersed (to avoid air bubbles) to the required quantity and then cut mechanically with scissors at the time of posting. Specifically designed for encapsulation of electrical and electronic components.

### FIELD OF APPLICATION

- Encapsulation of electrical components
- Encapsulation of electronic components

### PROPERTIES

- Solvent-free
- One component ready to use without waste
- Without toxic substances
- Not irritating
- Odorless
- Possibility of removal for maintenance
- Possibility of application in vertical or horizon backward
- No mixing requie

### TECHNICAL FEATURES:

#### Non-vulcanized mixed mass

|                       |                                          |
|-----------------------|------------------------------------------|
| Colour                | Trasparent                               |
| Appearance            | Thixotropic Gel                          |
| Density (ISO2781)     | 0,97 gr/lit                              |
| Operating Temperature | -60 °C / +180 °C (+200 C° for 18h peaks) |
| Dielectric (EN 60243) | 25 kV/mm                                 |
| Resistivity (IEC 93)  | 10 GΩ /mm                                |
| Flame resistance (UL) | 94HB                                     |
| Volumetric Decrease   | Less than 0,1%                           |
| Penetration (ISO2137) | 300 mm/cone 100 gr                       |

### PREPARATION AND USE

**Operating conditions:** For an excellent application of the product it is recommended to use it at a temperature of 21°C.

**Requirements of the surface:** Surfaces must be dry, free of dust, oils, release agents and greases. Once the surface is clean don't wait for more than 20 minutes before the installation of the product.

**Tools for use:** caulking guns and scissors.

**Packaging :**

| <b>Code</b> | <b>Volume</b> | <b>Packaging</b> |
|-------------|---------------|------------------|
| ONEGEL      | 300 ml        | cartridge        |

**STOCKAGE**

In its original packaging in a dry place, in a cool environment at temperatures between + 5 ° C and + 25 ° C

**SECURITY MEASURES**

Do not dispose of empty containers in the environment.

**NOTE**

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