

# TECHNICAL DATA SHEET

OneGel

Rev 01. May 2017

One Gel 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
- Excellent extrusion (recommended between +10C° / +30C°)

## Technical features:

### Non-vulcanized mixed mass

Colour	Trasparent
Appearance	Thixotropic Gel
Density (ISO2781)	0,97 gr/lt
Operating Temperature	-60 °C / +180 °C (+200 C° for 18h peaks)
Dielectric (IEC 423)	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:** To use at a temperature between +5°C and +40°C. 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 :

Code	Volume	Packaging
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

This information and our technical specifications correspond to our knowledge and experience without however guaranteeing us with regard to the final results or responsibilities arising from any legal relationship. In view of the multiplicity of material handling and storage conditions, not of production and use conditions, all the information and indications above must be verified beforehand by the user in accordance with its specific conditions of use.