

ONE GEL



Single-component ready to use re-enterable silicone gel

ONE GEL is a **single-component** silicone gel for insulated filling and sealing of casings and junction boxes housing electrical connections up to 1 kV or electronic components.

READY TO USE

ONE GEL is a ready-cross-linked GEL and can therefore be **used immediately** with no need for any mixing or waiting for cross linking, as with conventional two-component gels.

Thanks to its particular features, ONE GEL comes in a **standard cartridge** that can be used with a normal sealant gun, allowing rapid installation.

RE-ENTERABLE

ONE GEL does not dry, remains **always soft**, while preserving its characteristics and remaining **re-enterable** over time.

INSULATION AND PROTECTION

Its excellent chemical and physical properties make it ideal for a wide range of applications requiring a **high level of electrical insulation and protection from humidity**.

EASY INSTALLATION IN ALL CONDITIONS OF USE

Its excellent adhesive properties ensure rapid and proper application of ONE GEL even **vertically** or in situations of difficult access to the box or connection.

ECO-FRIENDLY

ONE Gel is non-toxic and is classified as a non-hazardous product under Directives 67/548/CEE and 1999/45/CE.



Vertical application



Removable



Re-enterable



Eco-friendly



Odourless



Non-irritant



High dielectric strength



High moisture protection



No expiry date



| TECHNICAL SPECIFICATIONS | NOMINAL VALUES | TESTING METHOD |
|--------------------------|-------------------|----------------|
| dielectric strength | 25 kV/mm | - |
| operating temperature | -60 - 200 °C | - |
| density | 0.97 g/l | ISO 3219 |
| penetration | 300 mm/100 g cone | ISO 2137 |
| self-extinguishing | HB | UL 94 |
| resistance | 10 GΩ/mm | IEC 93 |
| loss in volume | <0.01% | |



ONE GEL

Single-component filling and insulating silicone gel in cartridge



Applications

- Filling of housings and junction boxes
- Insulation of .6/1 kV electrical connections
- Insulation of electronic circuit boards and components
- Recommended where access to the box and/or connection is difficult
- Recommended for vertical or inverted horizontal use
- For civil, industrial, marine, aviation and automotive use

Advantages

- No mixing of components
- Immediately ready for use
- Cartridge can be used with an ordinary sealant gun
- Precise dosing to eliminate waste
- **Re-enterable**
- **Removable**
- **Transparent**
- Eco-friendly
- High degree of electrical insulation
- Protection from the elements (rain, humidity) dust and the intrusion of animals, insects or leaves
- Good mechanical strength
- UV resistant
- No expiry date

| ITEM | Volume (ml) |
|--------|-------------|
| ONEGEL | 300 |



Features

- Single-component silicone gel
- Thixotropic consistency
- Colour: transparent
- Odourless
- Solvent free
- 310 ml cartridge
- Non-hazardous product under Directives CE 67/548/CEE and 1999/45/CE



Counter display containing 24 ONEGEL cartridges