



## Crystalline transparent two-component silicone gel

**Crystal gel** is a two-component re-enterable silicone gel for insulated filling and sealing of casings and junction boxes housing electrical connections up to 1 kV or electrical components, with a wide range of use due to its versatile features.

### CRYSTALLINE TRANSPARENT

**Crystal gel** is highly transparent, allowing the contents of the housing or junction box to remain visible.

### RE-ENTERABLE AND REMOVABLE

Once cured, **Crystal gel** can be easily removed, without the use of tools, even after long periods of time.

### EASY AND WITHOUT WASTE

The two components are supplied in **separate containers** to always ensure the correct 1:1 mixing ratio. The **measuring jug** supplied with the kit ensures accurate mixing and prevents waste.

**Crystal gel** can also be partially used, according to needs, and reused even after the pack has been open, providing maximum gain.

### LOW VISCOSITY

Its low viscosity allows **crystal gel** to be cast easily and also ensures fast and **safe filling** of containers and gaps.

### SAFE

**Crystal gel** is non-toxic, non-irritating, odourless and solvent-free, and is classified as a non-hazardous product under Directives 67/548/CEE and 1999/45/CE.

### HIGH PERFORMANCE

**High dielectric strength:** 25.5 kV/mm Wide operating temperature range (from -60 to 200 °C).



Low viscosity



Removable



Re-enterable



Eco-friendly



Odourless



Non-irritant



High dielectric strength



High moisture protection



No expiry date

**•Colour: Transparent crystalline**

- Dielectric strength: 24.5 kV/mm
- Mixing ratio 1:1
- Working time at 23 °C: 10 min
- Polymerisation time at 23 °C: 24 min
- Temperature of use: from -60 to 200 °C
- Non-hazardous product under Directives CE 67/548/CEE and 1999/45/CE



## CRYSTAL GEL

**Crystalline transparent re-enterable two-component silicone gel** for insulated filling and sealing - in bottles



### Applications

- Filling housings and junction boxes
- Insulation of .6/1 kV electrical connections
- Insulation of electronic circuit boards and components

### Advantages

- **Crystalline transparent**
- Non-toxic
- **Re-enterable**
- Eco-friendly
- Easy to pour
- No waste thanks to the separate bottles and measuring jug
- Excellent electrical insulation
- Protection from the elements (rain, humidity) dust and the intrusion of animals, insects or leaves
- Good mechanical strength
- No expiry date
- Reusable after opening

### Package contents

- 2 separate transparent bottles
- Measuring jug
- Instructions

item	Volume (litres)	FILLING CAPACITY				
		round boxes Ø x h (mm)		square boxes A x B x h (mm)		
		65x35	80x40	100x100x50	120x80x50	150x110x70
<b>CRYSTALGEL 1L</b>	1	14	10	2	2	1
<b>CRYSTALGEL 2L</b>	2	28	20	4	4	2

*Calculated quantities for the complete filling of empty boxes*

