



Fast cross-linking two-component silicone gel

Mpgel plus is a two-component re-enterable silicon gel for insulated filling and sealing of casings and junction boxes housing electrical connections up to 1 kV or electronic components, suitable for a range of applications due to its versatility.

FAST CROSS-LINKING

Mpgel plus has an extremely short **cross-linking time**, allowing rapid installation and reducing delays before start-up.



EASY AND SAFE

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.

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

The gel in bags features the **Perforation Pouring System (PPS)**, which allows the operator to avoid contact with the component when opening the bag.

The nozzle has a serrated cylindrical end that fits securing into a ring inside the bag and punctures its, allowing fluid and homogeneous casting of the gel without accidental spills.



LOW VISCOSITY

Its low viscosity enables **Mpgel plus** to be poured easily and also ensures fast and **safe filling** of containers and gaps.

RE-ENTERABLE AND REMOVABLE

Once cured, **Mpgel plus** can be easily removed without need for tools, even after long periods of time.

SAFE

Mpgel plus 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 range of operating temperature (from -60 to 200°C).
Its **transparency** allows the contents of the housing or junction box to remain visible.
Mpgel plus is also **resistant to UV rays** and so can also be used outdoors and exposed to the elements.

PACKAGING

Mpgel plus is available in bags with a removable partition, in bottles of various capacities and in canisters for efficient use, according to the amount of product required.



Low viscosity



Removable



Re-enterable



Eco-friendly



Odourless



Non-irritant



High dielectric strength



High moisture protection

FORMATS



bottles: 2 formats



bags: 4 formats



tanks: 1 format





- Dielectric strength: 25.5 kV/mm
- Mixing ratio 1:1
- Working time at 23 °C: 5 min
- **Very fast cross linking:**
Polymerisation time at 23 °C: **12 min**
- Temperature of use: from -60 to 200 °C
- Colour: light blue
- Non-hazardous product under Directives CE 67/548/CEE and 1999/45/CE



MPGEL PLUS

Fast cross-linking 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

- Non-toxic
- **Re-enterable**
- Eco-friendly
- Easy to pour
- Very fast cross-linking
- 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
- UV resistant
- 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
MPGEL-0030	0.3	4	3	-	-	-
MPGEL-100	1	14	10	2	2	1

Calculated quantities for filling completely empty boxes





- Dielectric strength: 25.5 kV/mm
- Mixing ratio 1:1
- Working time at 23 °C: 5 min
- **Very fast cross linking:**
Polymerisation time at 23 °C: **12 min**
- Temperature of use: from -60 to 200 °C
- Colour: light blue
- Non-hazardous product under Directives CE 67/548/CEE and 1999/45/CE



MPGEL PLUS

Fast cross-linking re-enterable two-component silicone gel
for insulated filling and sealing - in bags



Applications

- Filling of housings and junction boxes
- Insulation of .6/1 kV electrical connections
- Insulation of electronic circuit boards and components
- Recommended when a limited amount of product is required

Advantages

- Non-toxic
- **Re-enterable**
- Eco-friendly
- Easy to pour
- Very fast cross-linking
- No waste thanks to the PCS
- Excellent 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

Package contents

- Bag with removable baffle
- **Perforated casting system (PCS)**
- Instructions



FILLING CAPACITY					
item	Volume (litres)	round boxes Ø x h (mm)		square boxes A x B x h (mm)	
		65x35	80x40	100x100x50	120x80x50
MPGEL-170	0.170	2	1	—	—
MPGEL-240	0.240	3	2	—	—
MPGEL-420	0.420	6	4	1	1
MPGEL-600	600	8	6	1	1

Calculated quantities for filling completely empty boxes



- Dielectric strength: 25.5 kV/mm
- Mixing ratio 1:1
- Working time at 23 °C: 5 min
- **Very fast cross-linking:**
Polymerisation time at 23 °C: **12 min**
- Temperature of use: from -60 to 200 °C
- Colour: light blue
- Non-hazardous product under Directives CE 67/548/CEE and 1999/45/CE



MPGEL PLUS

Fast cross-linking re-enterable two-component silicone gel
for insulated filling and sealing - in cans



Applications

- Filling housings and junction boxes
- Insulation of .6/1 kV electrical connections
- Insulation of electronic circuit boards and components
- Recommended when a large amount of product is required and/or for repeated use over time

Advantages

- Non-toxic
- **Re-enterable**
- Eco-friendly
- Easy to pour
- Very fast cross-linking
- No waste thanks to the separate canisters and measuring jug
- Excellent 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
- Reusable after opening

Contents contents

- 2 separate cans
- Measuring jug
- Instructions

FILLING CAPACITY								
item	Volume (litres)	round boxes Ø x h (mm)		square boxes A x B x h (mm)				
		65x35	80x40	100x100x50	120x80x50	150x110x70	190x140x70	240x190x90
MPGEL-1000	10	140	100	20	21	8	5	2

Calculated quantities for filling completely empty boxes