Fast cross-linking two-component silicone gel

**MPgel PLUS** is a re-enterable two-component silicone gel for insulated filling and sealing of casings and junction boxes housing electrical connections of up to 1 kV or electronic components, suitable for a wide range of applications.

**Simple**
The two components are supplied in separate containers, thus ensuring the correct 1:1 mixing ratio. **MPgel PLUS** may be partially used as needed, and reused even after the pack has been opened, providing maximum yield.

**Rapid cross-linking**
**MPgel PLUS** has an extremely short cross-linking time, allowing rapid installation and reducing delays before activation.

**Fast and accurate mixing**
The measuring jug provided with the 1 and 10-liter sizes ensures accurate mixing and prevents waste. **MPgel 100** is supplied with a **new 1 liter jug**, which allows to mix the entire contents of the bottles in one go, making installation even faster. **MPgel bags** are provided with a special **Perforation Pouring System (PPS)** which allows the operator to avoid contact with the gel when opening it. The nozzle has a toothed cylindrical end that fits securely into a ring inside the bag and punctures it, allowing the gel to flow evenly without accidental spills.
Low viscosity
Its low viscosity makes **MPgel PLUS** easy to pour and also ensures fast and **safe filling** of the containers and gaps.

Re-enterable and removable
Once cross-linked, **MPgel PLUS** can easily be removed without the 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 non-hazardous under European Regulation no. 1272/2008 (CLP).

High performance
**High dielectric strength** (25.5 kV/mm).
Wide operating temperature range (-60 to 200 °C).
**MPgel plus** is resistant to **UV rays** and so can also be used outdoors and exposed to the elements.

Packaging
**MPgel PLUS** is available in bags with removable baffle, in bottles of different sizes, and in jerrycans, for efficient use whatever the quantity of product required.

Available sizes

- **bottles in 2 sizes**
  - 0.3 L
  - 1 L

- **bags in 4 sizes**
  - 0.17 L
  - 0.24 L
  - 0.42 L
  - 0.6 L

- **jerrycans**
  - 10 L
Applications
- Filling of electrical junction boxes
- Insulation of 0.6/1 kV electrical connections
- Insulation of electronic boards and components

Advantages
- Non-toxic
- Re-enterable
- Eco-friendly
- Easy pouring
- Very fast cross-linking
- Excellent electrical insulation
- Good mechanical resistance
- UV resistant
- Protection from elements (rain, moisture), dust, animals, insects, leaves
- No expiry date
- Reusable after opening
- Available in 7 sizes

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

- No waste thanks to PPS
- Suitable when a limited amount of product is needed

Kit contents
- Bags with removable baffle
- Perforation Pouring System (PPS)

Available sizes

<table>
<thead>
<tr>
<th>item</th>
<th>volume (liters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPGEL 170</td>
<td>0.170</td>
</tr>
<tr>
<td>MPGEL 240</td>
<td>0.240</td>
</tr>
<tr>
<td>MPGEL 420</td>
<td>0.420</td>
</tr>
<tr>
<td>MPGEL 600</td>
<td>0.600</td>
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</tbody>
</table>

Filling capacity (calculated for completely empty boxes)

<table>
<thead>
<tr>
<th>volume (liters)</th>
<th>ROUND BOXES Ø x H (mm)</th>
<th>SQUARE BOXES A x B x H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>65 x 35</td>
<td>80 x 40</td>
</tr>
<tr>
<td>Bags</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.170</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>0.240</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>0.420</td>
<td>4</td>
<td>2</td>
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<tr>
<td>0.600</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Bottles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.300</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>1.000</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>Jerrycans</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.0</td>
<td>86</td>
<td>50</td>
</tr>
</tbody>
</table>
**MPgel PLUS**

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

- **No waste** thanks to separate bottles and measuring jug
- Can be mixed in one go with the new 1 lt jug (supplied with MP0100)

**Kit contents**
- 2 transparent 150 ml or 500 ml bottles
- 1 litre measuring jug (MP0100)

**Available sizes**

<table>
<thead>
<tr>
<th>item</th>
<th>volume (liters)</th>
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</thead>
<tbody>
<tr>
<td>MPGE 30</td>
<td>0.3</td>
</tr>
<tr>
<td>MPGE 100</td>
<td>1</td>
</tr>
</tbody>
</table>

**MPgel PLUS**

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

- **No waste** thanks to separate jerrycans and measuring jug
- Suitable when a large amount of product is needed and/or for later use

**Kit contents**
- 2 transparent 5 litres jerrycans
- Measuring jug

**Available sizes**

<table>
<thead>
<tr>
<th>item</th>
<th>volume (liters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPGE 1000</td>
<td>10.0</td>
</tr>
</tbody>
</table>