mpgel PLUS

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.

12 min

NEW 1 LITER JUG

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.

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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.

| Low viscosity | Re-enterable and removable | Eco-friendly | Odourless | Non-irritating | High dielectric strength | High moisture protection | No expiry date |

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**
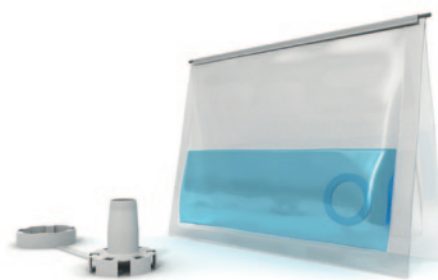
jerrycans

10 L

mpgel PLUS

- **Very fast cross-linking:**
  Cross-linking time: 12 min at 23 °C
- Dielectric strength: 25.5 kV/mm
- Mixing ratio 1:1
- Working time at 23 °C: 5 min
- Operating temperature: -60 to 200 °C
- Colour: pale blue
- Classified as non-hazardous according to European Regulation no. 1272/2008 (CLP)

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**

MPgel PLUS

HF RoHS CE

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

Watch the video

Kit contents

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

Available sizes

item	volume (liters)
MPGEL 170	0.170
MPGEL 240	0.240
MPGEL 420	0.420
MPGEL 600	0.600

Filling capacity (calculated for completely empty boxes)

	volume (liters)	ROUND BOXES Ø × H (mm)		SQUARE BOXES A × B × H (mm)				
		65×35	80×40	100×100×50	120×80×50	150×110×70	190×140×70	240×190×90
Bags	**0.170**	1	1	-	-	-	-	-
	0.240	2	1	-	-	-	-	-
	0.420	4	2	-	-	-	-	-
	0.600	5	3	1	1	-	-	-
Bottles	**0.300**	3	2	-	-	-	-	-
	1.000	9	5	2	2	1	-	-
Jerrycans	**10.0**	86	50	20	21	9	5	2

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MPgel PLUS

HF RoHS CE

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)

Watch the video

Kit contents

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

Available sizes

item	volume (liters)
MPGEL 30	0.3
MPGEL 100	1

MPgel PLUS

HF RoHS CE

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

item	volume (liters)
MPGEL 1000	10.0

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