

# resil<sup>®</sup>

## silicone resin

The first re-enterable two-component silicone resin. It will revolutionize the way you work.

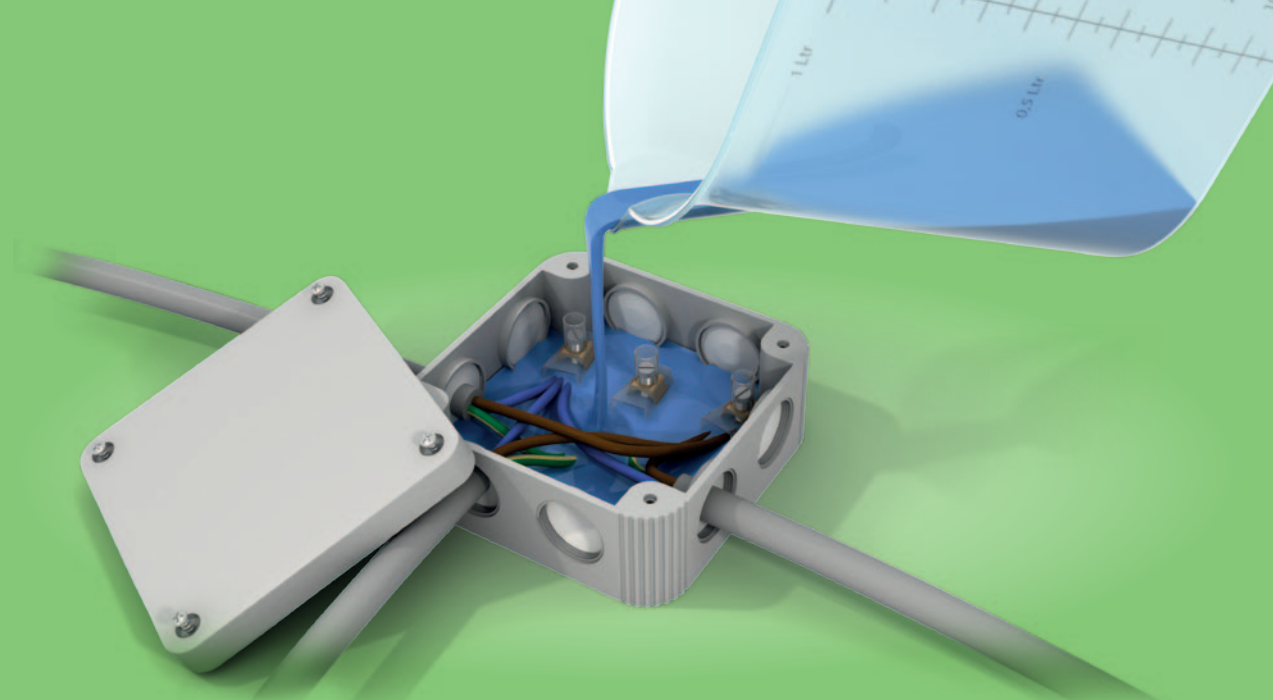


Insulation and protection from water and dust

**Resil<sup>®</sup>** is a re-enterable two-component silicone resin for low voltage filling and insulating. Together with GSA and GSB Series shells, Resil<sup>®</sup> can be used to make Resil JOINT<sup>®</sup>, low voltage straight (RJA Series) and branch (RJB Series) joints, compliant with CEI EN 50393 standard.



Watch the video



Non-toxic  
and eco-friendly

Resil® is classified as non-hazardous under European Regulation 1272/2008 (CLP). The product is safe to handle.

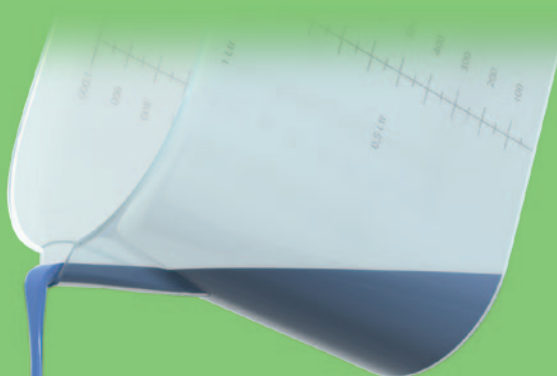
The two components, supplied in special containers, are mixed in a measuring jug that ensures the correct 1:1 dose however much product is used. The components polymerize quickly and fill the shell rapidly and safely thanks to their low viscosity.



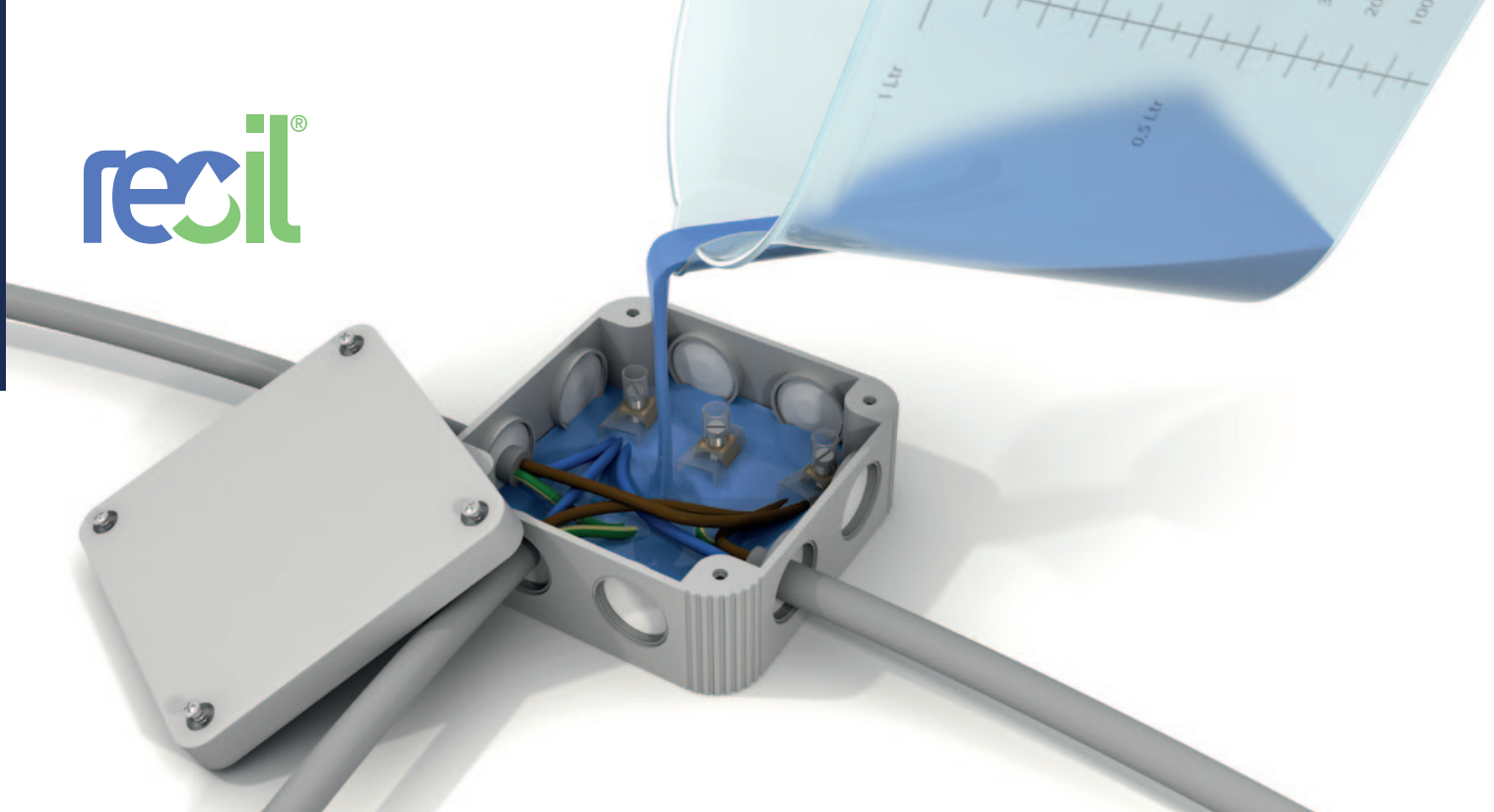
**USE &  
REUSE**

Thanks to RESIL®'s innovative formula, unlike traditional resins, **it is possible to use only the amount required**, keeping the remainder for **later use**: no waste of product, **maximum yield and versatility of use**.

**resiljoint®**



Watch the video



## Re-enterable two-component silicone resin

### Re-enterable

**Resil®**, unlike traditional polyurethane and epoxy resins, allows re-entering long after cross-linking has taken place, and ensures good mechanical strength and protection against accidental contact with live parts.

### High performance

**Resil®**'s fast cross-linking reduces installation and activation time, as well as labour costs. The process is non-exothermic and so it causes no damage to the components and the parts to be insulated. High dielectric strength: 23 kV/mm. Wide operating temperature range (-40 to 180 °C).

### Safe

**Resil®** contains no isocyanates and ensures maximum safety levels for the environment and operators. Resil® is classified as non-hazardous under European Regulation no. 1272/2008 (CLP) and can be disposed of as solid waste.

### Available size

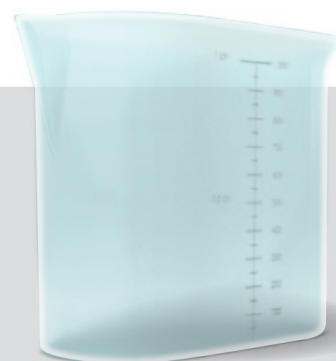
**Resil®** is available in 2 sizes: 1 and 4-liters bottles, both with measuring jug.

**NEW 1L AND 5L  
MEASURING  
JUGS**

### Easy and waste-free

The two components used to make **Resil®** come in separate containers to ensure the correct 1:1 mixing ratio.

The new 1 and 5-liter measuring jugs allow waste-free, thorough and rapid mixing, even if the whole content of resin is mixed in one go.





- Re-enterable
- Dielectric strength: 23 kV/mm
- Mixing ratio 1:1
- Density: 1.3 g/cm<sup>3</sup>
- Working time at 23 °C: 5 min
- Cross-linking time at 23 °C: 12 min
- Operating temperature: -40 to 180 °C
- Color: blue
- Storage temperature: 5 to 25 °C
- Self-extinguishing class V0
- Classified as non-hazardous under European Regulation no. 1272/2008 (CLP)

## Applications

- Electrical junction boxes filling
- Insulation of 0.6/1 kV electrical connections
- Insulation of electronic boards and components
- Ideal for low voltage Resil Joint® joints: straight (RJA Series) with GSA Series shells, and branch (RJB Series) with GSB Series shells

## Advantages

- Re-enterable
- May be partially used as needed
- Can be mixed in one go in the jugs provided
- Easy pouring
- Rapid and non-exothermic cross-linking
- Excellent electrical insulation
- Non-hygroscopic
- Good mechanical strength that prevents accidental contact with live parts
- Protection from elements (rain, moisture), dust, animals, insects, leaves
- Self-extinguishing class V0
- Non-toxic (isocyanate-free)
- Eco-friendly
- Easy-to-clean reusable jug



## Resil 100



Two-component re-enterable silicone resin - 1 liter

### Kits contents

- 2 transparent 500 ml bottles
- 1-liter measuring jug

item	volume (liters)	weight (kg)
RESIL 100	1.0	1.3



## Resil 400



Two-component re-enterable silicone resin - 4 liters

### Kits contents

- 2 transparent 2-liters bottles
- 5-liter measuring jug

item	volume (liters)	weight (kg)
RESIL 400	4.0	5.2