

# SR 55

Electrical electronic Silicone Sealant



## DAEHEUNG CHEMICAL

SR 55 is a RTV silicone sealant for electrical and electronic applications. It is designed for protective coatings on electrical and electronic components. It has excellent heat resistance, cold resistance, water resistance and electrical insulation. It can be used without primer on most materials.

### 1. Uses

- Industrial application as sealant in the electronic industry.

### 2. Characteristics

- Solvent free and Non slump.
- Low shrinkage during cure.
- Easy gun ability at low 4°C and high 50°C temperature.
- Remains flexibility at -48°C and high 120°C temperature.
- Excellent weathering resistance.
- Fast cure.

### 3. Physical properties

Properties	Value
Main component	Silicone polymer
Curing system	Moisture curing
Curing type	Oxime
Appearance	Soft paste
Color	Clear, Gray, White, Black
Specific gravity	1.00~1.05
Skin over time	Max. 10min (23°C, 50% RH)
Full curing time	72hr(3mm/ 23°C, 50% RH)
Hardness	20~30(shore A)
Tensile strength	Min. 1.0N/mm <sup>2</sup> (ASTM D412)
Elongation	Min 300% (ASTM D412)
Temperature resistance	-48~120°C
Shelf life	1 year in unbroken package under dry and cool condition(5~25°C)

## 4. How to use

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- **Clean and dry**

Remove oil, dust, impurities that is obstructed the sealant adhesion.

- **Primer**

Primer can be used only when it is necessary. It can also be used to increase, its supplementary of adhesive strength if a sealant can't get an adhesive strength.

- **Sealing**

After cutting the nozzle of instrument properly in joint width, insert the nozzle in the top of cartridge deeply and then insert the sealant in the joint part slowly.

- **Curing**

After application, please cure it fully not to be shocked a lot.

## 5. Caution

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- The cartridge should not be exposed to direct sunlight & shall be kept in a cool and dry place.
- Use with adequate ventilation and avoid prolonged breathing of vapors.
- Prolonged or repeated skin contact might cause irritation.
- In the event of eye contact wash thoroughly with water and consult a physician immediately.
- Don't use except for the original purpose.
- Don't use to mix with hot-melt.

## 6. Packaging

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- 300ml cartridge

Please contact us for further information or see Material Safety Data Sheet (MSDS) for this product.

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