

SR 9100

**DAEHEUNG CHEMICAL**

Electrical·electronic silicone sealant

SR 9100 is an electrical & electronic thermal conductive RTV silicone sealant. It has no corrosive properties for most electronic materials and can be bonded without primer.

1. Uses

- Adhesion for the parts of electrical & electronic
- Power supply, home electrical appliances, communications equipment
- Adhesion for general materials such as metal, glass and etc.

2. Characteristics

- UL Flammability Classification : UL 94V-0, UL File No. E239734
- Superb electronic properties
- Sealing for high temperature applications
- Easy workability : Non-solvent type, Non-flowable and Non-odor type with one component type
- Application temperature : -50 ~200°C

3. Physical properties

Properties	Value
Main component	Silicone polymer
Curing system	Moisture curing
Curing type	Alcohol
Appearance	Soft paste
Color	White, Black, Red(order made color)
Specific gravity	1.90±0.05
Skin over time	Max.3min(23℃, 50% RH)
Full curing time	72hr(3mm / 23℃, 50% RH)
Hardness	70~90 (Shore A)
Tensile strength	Min. 2.5N/mm ² (ASTM D412)
Thermal Conductivity	1.0 W/m.k
Shelf life	1 year in unbroken package under dry and cool condition(5~25℃)

4. How to use

- **Clean and dry**

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

- **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

- 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

- 300ml cartridge

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

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