

KE40RTV 矽膠 • R.T.V. SILICONE



防火等級：UL94V-0 E48923(S)
主成份：SILICONE(矽)
外觀：白色
粘度：膠狀，不垂流
保存期限：一年
主要用途：玻璃、陶瓷、金屬、硬質塑膠等接
著、
電氣、電子機器、零件、絕緣、防震、
接著及固定。
耐溫性：-50°C~250°C

ONE COMPONENT RTV SILICONE RUBBER COMPOUND

KE-40RTV

Shin-Etsu Silicone KE-40RTV is a non-flowing, one component RTV silicone rubber compound. When extruded from collapsible tubes, or cartridge, it reacts with the moisture in the air and will cure into a resilient elastomer at room temperature. KE-40RTV is self-extinguishing type, and meets UL-94, V-0. The cured rubber of KE-45RTV has excellent resistance to heat, cold, weather, and excellent dielectric properties.

NOTE: When cured under enclosed circumstances, KE-40RTV may cause corrosion of some metals e.g. copper.

Accordingly, the acetone type (KE 3490RTV, this meets UL-94, V-1) should be used in circumstances where metal corrosion will occur. Advice on particular applications will be provided on request.

GENERAL PROPRRTIES:

- <After 7 days at 25°C, 50% RH>
- Before curing
- Appearance Non-flowing paste
- Specific gravity at 25°C 1.58
- After curing
- Specific gravity at 25°C 1.50
- Hardness (JIS) 60
- Tensile strength (kg/cm²) 30
- Elongation (%) 200
- Dry Volume resistivity (ohm.cm) min. 10¹⁵
- Dielectric strength (KV/mm) min. 23
- Dielectric constant (50 Hz) 3.90
- Dissipation factor (50 Hz) 0.002
- Wet: Volume resistivity (ohm.cm) min. 10¹⁴
- Dielectric strength (KV/mm) min 20
- Dielectric constant (50 Hz) 2.95
- Dissipation factor (50 Hz) 0.001
- Thermal conductivity (cal/cm.sec. °C × 10⁻⁴) 4.0
- Rate of linear expansion (50 ~ 150°C) 2.0 × 10⁻⁴
- Arc resistance ASTM D-495-61 150
- *based on a single lot not on standard values
- *Testing method is JIS K 6301.
- Heat Resistance -50°C ~ +250°C

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

HOW TO USE:

1. How to use tubes

Attach the application nozzle to the tube, cut it diagonally to the size required. After use, remove the nozzle, and tightly seal the tube. The silicone residues left in the nozzle can be easily removed.

2. How to use cartridges

Cut the nozzle according to the size of orifice required, and break the moisture-proof seal with a needle and insert the cartridge into the caulking gun. Cartridges should be used as soon as possible after opening. As long as cartridges are tightly resealed, the rest in the cartridge will remain uncured for several days.

CAUTIONS:

Uncured product will irritate eyes. Avoid contact with eyes and skin. In case of contact with eyes, immediately flush eyes with water for 15 minutes and seek medical attention. Wipe from skin with a dry cloth or towel, then wash with soap and water. Keep out of reach of children.

• STORAGE:

- When not in use, KE 40 should be tightly sealed and stored in a cool and dark place.

• PACKING & COLOR:

- 150g tube: white, gray.
- 500g cartridge: white, gray.