

RTV Silicone adhesive SD903-1

Description

RTV Silicone adhesive SD903-1 is a high temperature resistant silicone adhesive. It's red viscous liquid with excellent insulation, good adhesion, moisture resistance, shock resistance, corona resistance and leakage resistance. The silicone adhesive has good adhesion to metals and most plastics, and has excellent resistance to cold and heat exchange after curing.

Application :

The organic RTV silicone adhesive is used for coating protection, bonding positioning and reinforcement of electronic components on electronic circuit board, and moisture-proof sealing. Waterproof sealing of all kinds of instruments and shallow potting of miniature electronic components and modules.

Technical Features:

Type	SD903-1	SD903
Color	Red paste	Red semi-fluid
Density(g/cm ³)	1.3~1.5	1.2~1.3
Tack-free time (25°C,min)	≤30	≤30
Tensile strength (MPa)	≥2.0	≥2.0
Elongation (%)	250~350	250~350
Shear strength (MPa)	≥1.5	≥1.5
Hardness(shore A)	40~50	35~45
Temperature range (°C)	-60~315	-60~260
Dielectric constant (@60Hz)	2.8	2.8
Dielectric strength (kV/mm)	≥20	≥20
Volume Resistance (Ω.cm)	1.0×10 ¹⁵	1.0×10 ¹⁵

Usage:

1. Cleaning the surface of the adhered or coated object to remove rust, dust and oil.
2. Unscrew the rubber cap and squeeze the glue onto the cleaned surface to make it evenly distributed.
3. The coated parts are placed in the air and allowed to stand at room temperature for 24 hours.

Notes:

- 1.Keep thermal adhesive out of reach of children.
- 2.Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer. This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.