

One-component RTV silicone rubber SD906

Description:

Silicone adhesive sealant SD906 is a one-component RTV silicone rubber with high strength, good thixotropic properties, neutral non-corrosion, high temperature resistance, high pressure resistance, solvent resistance, low shrinkage and no collapse. Suitable for large gap (0~6mm) adhesive seal, waterproof, oil proof, impact resistant, vibration.

Application :

The RTV silicone adhesive sealant SD906 is suitable for bonding and sealing of refrigerators, microwave ovens, circuit boards, electronic components and machinery. This silicone rubber SD906 can be applied to metals, glass, ceramics, plastics, etc.

Technical Features:

Type	SD906T	SD906W	SD906B
Color	Colorless transparent	white	black
Viscosity (cp)	paste	paste	paste
Density (g/cm ³)	1.03	1.33	1.33
Tack-free time (25°C, min)	≤20	≤20	≤20
Tensile strength (MPa)	2.0	2.0	2.0
Elongation (%)	300~400	300~400	300~400
Shear strength (MPa)	1.5	1.5	1.5
Hardness(shore A)	25~35	30~45	30~45
Temperature range (°C)	-60~280	-60~280	-60~280
Dielectric strength (kV/mm)	18	18	18
Dielectric constant (@60Hz)	2.8	2.8	2.8
Volume Resistance (Ω.cm)	2×10 ¹⁶	2×10 ¹⁶	2×10 ¹⁶

Usages:

The surface of the substrate must be cleaned, and well-distributed can improve the bonding effect (thickness not exceeding 6 mm). The silicone adhesive sealant surface curing time of about 20 minutes and fully cured after 24 hours.

Package& Storage:

Packing specification: 100g/pcs ,300ml/pcs, 2600ml/pcs.

Storage: stored in a cool and dry place for one year.

Notes:

1. Wet air is needed for curing and solidify. It may take more time for curing if bonding surface is large.
2. Please tighten the capping tube after use to prevent colloid solidification in the tube. If there is solidification at the end of the pipe, remove the solidified material and use it as usual.
3. Keep thermal paste out of reach of children.
4. 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.