

FEATURES

The product is a one component room temperature curing silicone sealant. It provides very stable properties over a broad temperature range between -50 and 200°C, and the peak temperature can reach 250°C. It is designed for bonding and sealing various materials such as metals, plastic and glass, with excellent electrical insulation, aging resistance, moisture resistance, good bonding strength.

APPLICATION

K-704 is widely used in bonding, sealing, insulating and moisture-proof the electronic components, semiconductor materials, electronic and electrical equipment. Such as an electric heater, a small motor magnetic tile and metal shell, an automobile lamp, an optical instrument as lens, electronic instrument shell, the insulation protection of motor etc.

TYPICAL PHYSICAL PROPERTIES

Appearance	White viscous liquid	Visual
Tack-free time (25°C, min)	≤10	
Tensile strength (MPa)	≥1.0	GB/T528-2009
Elongation at break (%)	≥150	GB/T528-2009
Shear strength (MPa) /AL	≥0.8	GB/T7124-2008
Durometer hardness,	30~40	GB/T531.1-2008
Shore A (24h)		
Dielectric constant (100KHz)	≤3.0	GB/T1693-2007
Dielectric strength (kV/mm)	≥15	GB1695-2005
Volume resistivity (Ω.cm)	≥1.0×10 ¹⁴	GB/T1692-2008

Usage method

1. Where adhesion is required, make sure the surfaces clean without dirt, oil and grease.
2. Then glue Evenly onto the surface has been cleaned.
3. The bonded parts should be placed an open and room temperature condition for 24 hours before used.

ATTENTION

1. Moisture cure, and it may take a longer time when used in a large area of the occasion.
2. After the operation of the bonding process is completed, the rubber should be tightened immediately. If the seal has a little crust, remove it.
3. Avoid contact with eyes, skin and clothing. Wash immediately with soap and water after contact with skin. If you accidentally splashed into the eyes, rinse immediately with plenty of water, and medical treatment.
4. The use of glue dispensing machine. The end of the job should be immersed in the container dispensing needle containing silicone oil to prevent clogging of curing head.

PACKAGING, STORAGE

Product shall be ideally stored in a cool and dry place at room temperature.

45g: The storage period is 12 months ,300ml: The storage period is 9 months, 2.6L: The storage period is 6 months.

Packing specifications: 45g, 300ml, 2.6L or according to customer's request.

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