

Product description

- One-component room temperature vulcanizing silicone rubber
- Translucent, semi-fluid
- Moisture curing; glue layer is elastomeric after curing,

Product features

- Neutral curing
- Environmentally friendly solvent, benzene-free
- Outstanding adhesion to various substrates
- Excellent insulating property
- Excellent weatherability
- Maintains stable and flexible in the operating temperature range of -40°C to 180°C
- RoHS compliant

Typical applications

Suitable for surface moisture-proof coating of circuit boards, insulation and moisture-proof treatment of components, shallow encapsulation of electrical modules

Directions for application

- During storage, a small amount of cured material or oil may appear at the mouth of the tube, which can be removed for normal use and won't affect the performance of the product.

Directions for use

Clean-up: Clean the surface and remove rust, dust, oil, etc.

Gluing: Squeeze the glue onto the cleaned surface.

Curing: Place the glued component in the air. The formation of the skin will be followed by the curing process from the surface to the inside. After curing at 25°C and 55% relative humidity for 24 hours, the curing depth of the glue is 2~4mm, and it will increase gradually with time.

Technical parameters

Reference standard ¹	Item	Unit	Value
General properties (25±2°C, 60±5%RH)			
Q/HTXC 1	Appearance	--	Translucent, semi-fluid
Q/HTXC 1	Density	g/cm ³	0.95~1.05
GB/T 13477.5	Tack-free time	min	≤ 50
Q/HTXC 1	Viscosity	mPa·s	800~1500
Properties after curing (25±2°C, 60±5%RH, curing for 7 days)			
GB/T 531	Hardness (Shore A)	--	15~25
GB/T 528	Tensile strength	MPa	≥1.0
GB/T 528	Elongation at break	%	≥200
Q/HTXC 1	Dielectric strength	KV/mm	≥ 16
Q/HTXC 1	Volume resistivity	Ω·cm	1.0×10 ¹⁴

Note 1: The reference standards are not dated and their latest versions are applicable to this document.

Cautions

Keep away from children for storage. It is recommended to use the product in a well-ventilated place to reduce odor; If the skin is accidentally exposed to the product, wipe clean and wash with water. If the eyes are accidentally exposed to the product, rinse immediately with water and seek medical examination; Please consult the MSDS of the product for safety information.

Storage

Store at 8-28°C in a cool and dry place.

Shelf life is 6 months.

Packing specification

Order code:

941216, 1kg/bottle, 12 bottles/carton



Special note

The data in this TDS were obtained under laboratory conditions. Due to differences in the use environment, users should perform analysis and testing by referring to these data and use conditions. Huitian New Material does not guarantee no problem in the sale of Huitian products and in the use of Huitian products under specific working conditions, and does not assume any responsibility for direct, indirect or accidental losses. In case of any problems during use, please contact the Technical Service Department of Huitian New Material, and we will give you all the help you need.