

## Basic Data And Instructions For Use

### Product features:

White, non-flowing, non-corrosive. In the temperature range of -50 ~ 220°C, it offers excellent sealing, insulation, shock absorption, moisture resistance, and waterproof properties. Can adhere well to the surfaces of various materials such as plastics, glass, metals, ceramics, and alloys.

### Application fields:

Widely used for the adhesion and fixation of PCBA electronic components or wires, as well as for the protection of sensitive components against vibration and anti-de-soldering. It can also be applied to the adhesion between LED lamp heads, lamp tubes, and lampshades, as well as for sealing and plugging of enclosures and holes.

### Basic Parameters of HC-830W

Attribute	Value	Attribute	Value
Reaction Type	Alcohol-releasing Type	Exterior	White, Non-flowing
Surface Curing Time	5~15 min	Full Curing Time	8~24 hour
Specific gravity	1.1~1.2 (25°C)	Viscosity	45000~50000 mPa.S
Hardness	50~60 Shore A	Fracture Elongation	150~180 %
Tensile Strength	≥1.2 MPa	Shear Strength	≥1.5 MPa
Volume Resistivity	≥2×10 <sup>14</sup> Ω·cm	Breakdown Voltage	18~25 KV/mm
Dielectric constant	4	Temperature Range	-50 ~ 220°C

### Product appearance of HC-830W



### Packaging specifications of HC-830W



### Instructions for use and precautions

Clean the surface before applying the silicone adhesive.

No need for mixing, directly apply an appropriate amount of this silicone adhesive to the surface to be coated.

This silicone adhesive cures by exposure to air, starting from the surface and progressing inward. A larger surface area in contact with air and a thinner thickness result in faster curing.

Low temperature and humidity can affect the curing speed, it is recommended to consider increasing the humidity and temperature (not exceeding 60°C) appropriately to help accelerate the curing process .

Recommends that you use it within 6 months from the date of manufacture. If it exceeds 6 months, it can still be used if it meets the usage requirements after testing.

This silicone glue is developed for general industrial use. If it is used for food contact, medical, or other special purposes, please ensure safety through testing before use.

Please test it first to confirm that it meets the requirements before using it in bulk.

