

Basic Data And Instructions For Use

Product features:

Black, paste-like, non-flowing, high bonding strength. Temperature resistance range of -50 to 220 degrees Celsius. Eco-friendly, non-corrosive. Possesses superior weatherability and insulation properties. Adheres well to materials such as plastics, glass, metals, ceramics, and alloys.

Application fields:

Suitable for waterproofing, fixing, and anti-desoldering of electronic components. As well as flexible bonding of batteries, vibration protection. And for filling, blocking, sealing, and waterproofing applications of enclosures and openings.

Basic Parameters of HC-860B

Attribute	Value	Attribute	Value
Reaction Type	Alcohol-releasing Type	Exterior	Black, Non-flowing
Surface Curing Time	5~15 min	Full Curing Time	8~24 hour
Specific gravity	1.0~1.1 (25°C)	Viscosity	35000~40000 mPa.S
Hardness	30~40 Shore A	Fracture Elongation	200~300 %
Tensile Strength	≥2 MPa	Shear Strength	≥2 MPa
Volume Resistivity	≥3×10 ¹⁴ Ω·cm	Breakdown Voltage	18~25 KV/mm
Dielectric constant	3	Temperature Range	-50 ~ 220°C

Product appearance of HC-860B



Packaging specifications of HC-860B



100ML

300ML

2600ML

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.

