

Neutral Curing Silicone Sealant for Solar Photovoltaic Modules

This neutral curing silicone sealant is ideal for sealing solar photovoltaic modules. It offers excellent adhesion to glass and aluminum and provides a durable, flexible seal that can withstand extreme temperatures and UV exposure.



Product Overview

High-Performance Neutral Curing Silicone Sealant

This one-component, dealcoholization silicone sealant is engineered for demanding industrial and electronic applications, including solar photovoltaic module assembly. It offers neutral, room-temperature curing that is non-corrosive, ensuring compatibility with sensitive components. With excellent weather resistance, electrical insulation, and a broad operating temperature range of -40 to 180 °C, it provides a durable and reliable seal for long-term outdoor and indoor use.

Key Features

Product Advantages

Neutral Curing, Non-Corrosive, Excellent Adhesion, High Temperature Resistance, Electrical Insulation, Weather Resistant

Technical Metrics

Physical Properties

110000 cps

Viscosity

1.41 g/cm³

Density

40 Shore A

Hardness

2.31 MPa

Tensile Strength

Performance Data

Property	Value
Cure Depth (mm/24h)	2.3
Tack Free Time (min)	12
Elongation at Break (%)	312
Thermal Conductivity (W/m.k)	0.4
Fire Resistance	HB

Applications

Recommended Applications

- Solar photovoltaic module sealing
- LED bulb and lamp tube adhesion
- Electronic component protection and bonding
- Circuit board sealing
- Instrument industry shell and part assembly

Logistics & Storage

Available Packaging

300ML • 2600ML • 5 Gallon Bucket • 55 Gallon Bucket

Storage and Shelf Life

Store in a well-ventilated, dry place at room temperature (-10 to 30°C). Shelf life is 12 months.