

Photovoltaic Module Silicone Sealant

This silicone sealant is designed for photovoltaic module applications. It offers excellent adhesion to aluminum, glass, back sheets, junction boxes, and PPO materials, making it suitable for sealing solar panel frames and junction boxes.



Product Overview

High-Performance Photovoltaic Module Sealant

This one-component, neutral-curing silicone sealant is engineered specifically for the rigorous demands of photovoltaic module assembly. It provides robust adhesion to essential solar components including tempered glass, aluminum frames, composite back sheets, and PPO junction boxes. The formula is designed to be environmentally friendly, offering low odor and non-corrosive characteristics while ensuring long-term protection against environmental degradation, thermal shock, and mechanical stress.

Technical Specifications

Sealant Type	One-component, neutral-curing silicone rubber
Net Content	590 mL
Shelf Life	9 months

Key Features

Applications

- Solar panel frame sealing
- Junction box bonding
- Glass to aluminum bonding
- Composite back sheet adhesion

Key Benefits	Neutral-curing, Non-corrosive, Low odor, Environmentally friendly
Protective Properties	Vibration protection, Shock protection, Thermal shock resistance, Environmental corrosion resistance