

Silicone Sealant for Solar Photovoltaic Modules

This silicone sealant is designed for assembling solar photovoltaic modules. It is available in 310ml cartridges.



Product Overview

Professional Solar PV Module Sealant

This neutral-cure silicone sealant is engineered for the reliable bonding and sealing of solar photovoltaic module frames, junction boxes, and back plates. It provides exceptional resistance to environmental stress, including extreme temperatures ranging from -40°C to 200°C, chemical corrosion, and mechanical vibration. Designed for durability and performance, it ensures a secure, leak-proof seal that prevents gas and liquid penetration over long service lives.

Key Performance Metrics

Featured Specifications

40 Shore A

Durometer Hardness

2 MPa

Tensile Strength

300 %

Elongation at Break

0.4 W/m.k

Thermal Conductivity

Technical Properties

Physical and Chemical Data

Property	Value
Solidification Type	Oxime alkoxy
Tack-Free Time	5-20 min
Dielectric Strength	≥ 17 KV/mm
Volume Resistivity	$1 \times 10^{15} \text{ @m}$
Fire Resistance	UL94 HB

Certifications and Compliance

Standards and Certifications

TUV, SGS, UL, ISO 9001, ISO 14001

Usage Information

Packaging and Storage

- Available in black and white
- 310ml, 400ml, 5-gallon, and 55-gallon container sizes
- Shelf life: 12 months
- Store in a cool, dry place below 27°C