



1536 Electrical Potting Sealant

1536 is transparent, flowable, one-component, neutral alkoxy-cure silicone sealant. Low-odor, solvent-free, curing at room temperature when exposed to moisture at the atmosphere.

High performance with insulation, excellent adhesion to glass, ABS, PCB. Super resistance to thermal cycling, damp-heat, and damp-freezing.

Technology / Base	Silicone
Type of Product	Sealant
Components	One component
Curing	Room temperature
Appearance / Color	Transparent
Consistency	Flowable

Features and Benefits

- One component requires no mixing with good flowability
- Fast cure
- Excellent adhesion
- Low odor
- Excellent resistance to different aging test

Curing Profile

Recommended cure:

- Moisture cured at ambient temperature and humidity
- Moisture cured needs some days according to adhesive thickness.

Contact HB Fuller technical support for additional curing recommendations

Application Instructions

- For best result, clean and dry all surface to be sealed.
- The sealant is evenly coated on the surface to be sealed, and the sealant should be kept still until a certain strength film is formed.
- Opened sealant is better to be used up. If the remaining opened sealant has to be used, the solidified part needs to be removed.

Storage Conditions

The product is best stored at or below 28 °C (84 °F) in the original unopened container in clean and dry place.

Shelf Life:9 months from the date of manufacture.

Typical Packaging

Please contact your local Sales Office for available packaging options.

Disposal Advice

Please refer to the MSDS for disposal instructions.

Safety Advice

Please refer to the MSDS for safety advice.



Technical Data

Rheology	Value	Condition/Method
Viscosity	8000-11000	Brookfiled LVDV- I -64#/30RPM
Density	1.04±0.05 g/cm ³	Before cure
Curing		
Tack free time	5~20 min	(23±2)°C、(50±5)%RH
Cure depth/24h	2mm	(23±2)°C、(50±5)%RH
Cured Mechanical Properties		
Hardness	30±5 A	ISO7619
Tensile Strength	2.0 MPa	ISO37
Elongation to Break	220 %	ISO37
Cured Electrical Properties		
Volume resistivity	1.0×10 ¹⁴ Ω·cm	IEC60093
Breakdown tension	15 kv/mm	IEC 60243-1

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