



4225 W. Ogden Ave. • Chicago, IL 60623 • Phone: (773) 522-1900

GE 1800 SILICONE SEALANT

PRODUCT DESCRIPTION

GE 1800 Silicone Sealant is a one-part, neutral cure sealant that offers primerless adhesion, weatherability and elasticity for general glazing and sealing applications.

GE 1800 Silicone Sealant is resistant to normal weathering conditions such as sunlight, ultraviolet radiation, ozone, rain, snow, and temperature extremes. Its excellent weatherability allows long term retention of its elastomeric and adhesion properties. GE 1800 Silicone Sealant is resistant to incidental oil and gas contact.

BASIC USES

GE 1800 Silicone Sealant may be used as a perimeter weatherseal for field glazing, window installation and general purpose sealing applications.

LIMITATIONS

GE 1800 Silicone Sealant should not be used:

- For structural glazing applications
- For aquariums
- For use in locations subject to continuous water immersion
- For applications where FDA or USDA compliance is required
- In glass butt joints or other glazing applications where small bubbles which may develop during cure are objectionable
- In totally confined spaces as the sealant requires atmospheric moisture to cure
- For surfaces that will be painted

SPECIFICATIONS

Applicable Standards

GE 1800 Silicone Sealant meets the following specifications and standards:

- TT-S-001543-A
- TT-S-00230C
- ASTM C-920, Type S, Grade NS, Class 25

PACKAGING AND COLORS

10.1 oz. Cartridges (12 per case)
Standard Colors: Translucent, White, Black, Light Gray, Bronze, and Beige

TYPICAL PRODUCT DATA

Property	Value	Test Method
Uncured Properties		
Tooling Time	6 min	At 75°F/50% RH ASTM C619 Full Cure 1/4" @ 70°F, 50%RH ASTM C639
Tack Free Time	30 min	
Cure Time	3-5 days	
Sag/Slump	0.1 in.	
Cured Properties		
Dynamic Movement Capability	±50%	ASTM C719
Hardness (Shore A)	18	ASTM D-2240
Tensile Strength	200 psi	ASTM D-412
Ultraviolet and Ozone Resistance	Excellent	



WATERPROOFING