



TECHNICAL DATA SHEET – SILITE SEALANT

Revised: 04/2019

PRODUCT INFORMATION

STOCK NO.: 17150 Clear

PACKAGE SIZE: 310ml Cartridge

STOCK NO.: 17140 White

PACKAGE SIZE: 310ml Cartridge

DESCRIPTION

Silicone resin based adhesive/sealant for sealing, jointing, caulking and bonding.

RECOMMENDED APPLICATIONS

- Weatherproofs electrical boxes
- Caulks plumbing fixtures
- Ideal sealant for use in building construction
- Use to make form-in-place gaskets particularly in HVAC
- Seals ductwork
- Insulates exposed wiring

PRODUCT DATA

TYPICAL PHYSICAL PROPERTIES

COLOUR	White and Clear
MIX RATIO BY VOLUME	N/A
MIX RATIO BY WEIGHT	N/A
% SOLIDS BY VOLUME	100
POT LIFE AT 21°C / MINS	N/A
SPECIFIC VOLUME CC/KG	952
CURED SHRINKAGE CM/CM	N/A
SPECIFIC GRAVITY	1.05
TEMPERATURE RESISTANCE / °C	-50 to 230°C
COVERAGE	Dependent on bead size
CURED HARDNESS / SHORE A	30
DIELECTRIC STRENGTH KV/MM	14.7
ADHESIVE TENSILE SHEAR / MPA	2.6
COMPRESSIVE STRENGTH MPA	N/A
COEFFICIENT OF THERMAL EXPANSION X10 ⁻⁶ CM/CM/°C	N/A
THICKNESS PER COAT / MM	No limit, Non-sag up to 2 cm
FUNCTIONAL CURE TIME / HOURS	24
RECOAT TIME / HOURS	Anytime
MIXED VISCOSITY / CPS (WHERE APPLICABLE)	N/A

**CHEMICAL RESISTANCE - 7 DAYS ROOM TEMPERATURE CURE (30 DAYS)
- TESTING CARRIED OUT 30 DAYS IMMERSION AT 21°C**

	POOR	FAIR	VERY GOOD	EXCELLENT
AMMONIA		•		
CUTTING OIL			•	
ISOPROPYL ALCOHOL				•
GASOLINE (UNLEADED)	•			
HYDROCHLORIC ACID 10%	•			
METHYL ETHYL KETONE (MEK)	•			
METHYLENE CHLORIDE	•			
SODIUM HYPOCHLORITE 5% (BLEACH)			•	
SODIUM HYDROXIDE 10%				•
SULPHURIC ACID 10%			•	
XYLENE	•			

Excellent = +/- 1% weight change, Very Good = +/- 1-10% weight change, Fair = +/- 10-20% weight change, Poor = > 20% weight change

APPLICATION INFORMATION
CURE

Cure A skin will form on the surface of Silite Sealant in approximately 10 minutes. It will be tack-free in approximately 1 hour. Full cure will take place in about 7 days at room temperature (22°C). The vinegar-like odour will disappear as the material cures. The higher the humidity, the faster the Silite Sealant will cure.

SURFACE PREPARATION

Surfaces should be wiped with MEK, Acetone, IPA or similar, to ensure they are free of heavy deposits of grease, oil, dirt or other contaminants. Silite Sealant will not bond to oily or soapy surfaces.

APPLICATION

Remove cap and pierce the membrane seal. Cut the nozzle in the desired opening. Hold the tube or applicator at a slight angle and apply firm, continuous pressure. Push the Silite Sealant ahead of the nozzle in the direction of application. Squeeze the tube from the bottom, or apply firm, steady pressure to the applicator pistol grip, forcing the Silite Sealant into the crack or seam. Do not apply more than 10mm thickness at a time.

SHELF LIFE & STORAGE

Silite Sealant should be stored in a cool, dry place when not used for a long period of time. A shelf life of 2 years from date of manufacture can be expected when stored at room temperature 22°C in their original containers.

PRECAUTION

For complete safety and handling information please refer to the appropriate Materials Safety Data Sheets prior to using this product.

WARRANTY

ITW Performance Polymers will replace any material found to be defective. As the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.

DISCLAIMER

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Performance Polymers makes no representations or warranties of any kind concerning this data.

For product information visit www.devconeurope.com alternatively for technical assistance please call +353 61 771 500.