

Thermo-Sil™

Flashing Grade Silicone Sealant

Rev. Date 09/15/15

THERMO-SIL™
SILICONE COATING SYSTEMS

Product Use and Design

Thermo-Sil™ Flashing Grade Silicone Sealant is a thick, high-build liquid that is a dispersion of 100% silicone rubber. It is designed to seal abnormal roof penetrations that cannot be covered with standard sprayers or rollers. It features low odor, ease of application, fast moisture cure, and superior adhesion to a variety of substrates.

Packaging

U.S. MEASURES: 2-gallon containers.

Surface Preparation and Priming

Thermo-Sil™ Flashing Grade Silicone Sealant may be applied by brushes, trowel, or putty knife. Consult Lapolla Industries Technical Service personnel for priming recommendations.

In all cases, a sample should be tested and/or test joints should be installed on the project to confirm suitability. Apply **Thermo-Sil™ Flashing Grade Silicone Sealant** only to clean, dry, sound surfaces, free of loose particles or other foreign matter.

Product Application

Thermo-Sil™ Flashing Grade Silicone Sealant may be applied by brushes, trowel, or putty knife. The surface must be clean, dry and free from oils and other contaminants. Consult Lapolla Industries Technical Service personnel for priming recommendations. In all cases, a sample should be tested and/or test joints should be installed on the project to confirm suitability.

Cautions & Recommendations

Thermo-Sil™ Flashing Grade Silicone Sealant is neither tested nor represented as suitable for medical or pharmaceutical uses. **Thermo-Sil™ Flashing Grade Silicone Sealant** is not recommended for silicone glazing, application in confined areas without proper ventilation, or joints under constant water submersion.

Weather Restrictions

Thermo-Sil™ Flashing Grade Silicone Sealant should not be applied in temperatures above 120°F. For cold weather application, store material above 65°F before use.

Limited Warranty Information - Please Read Carefully

The information herein is to assist customers in determining whether this product is suitable for various applications. This product is only intended for sale to industrial and commercial customers. Customers assume full responsibility for quality control, testing and determination of suitability of products for its intended application or use. We warrant that our products will meet our written specifications. We make no other warranty of merchantability of fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is replacement of nonconforming product and in no event shall we be liable for any other damages, including without limitation to special, incidental, punitive, or consequential damages.

Properties	Test Method/ Requirements	Value
Tensile Strength:	ASTM D-412	130 psi (±25)
Elongation:	ASTM D-412	275% (±10)
Solids by Volume:	ASTM D-2697	95% (±3)
Volatile Organic Compounds:		<50 grams per liter
Cure Rate:		50% RH (at 77°F)
Tack Free:		1 - 2 hours
Through Cure:		12 - 18 hours (3/8" depth)
Cure Time	ASTM C-679	12 - 18 hours
Standard Colors:	TS FG - WHITE	

SHELF LIFE: 12 months from manufactured date when stored in unopened containers and between 50°F - 90°F. Refer to product packaging for manufacture date.

General Health & Safety Precautions

This product is intended for use by trained professional personnel. Safety Data Sheets are available and any individual who may come in contact with these products should read and understand the S.D.S. In case of emergency contact **CARECHEM EMERGENCY NUMBER at (866) 928-0789**.

WARNING: Avoid eye contact with the liquid or spray mist. Applicators should wear protective clothing, gloves and use protective equipment on face, hands and other exposed areas.

EYE PROTECTION: Safety glasses, goggles, or a face shield are recommended. **SKIN PROTECTION:** Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing. **RESPIRATORY PROTECTION is MANDATORY!** Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact Lapolla for a copy of the Respiratory Protection Program developed by OSHA. **INGESTION:** Do not take internally. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

Contact Lapolla Industries Technical Service personnel for specific recommendations, pricing and availability of spray and auxiliary equipment.

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Lapolla Industries, Inc. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Lapolla Industries, Inc.'s quality control. We assume no responsibility for coverage, performance or injuries resulting from use.

