

07560 Membrane Roofing/Silicone Sealant



1. PRODUCT NAME

SILICONE FLASHING GRADE
Silicone Sealant

2. MANUFACTURER

NATIONAL COATINGS CORP.
1201 Calle Suerte
Camarillo, CA 93012
Phone: 800-423-9557
FAX: 800-294-3866
www.nationalcoatings.com

3. PRODUCT DESCRIPTION

SILICONE FLASHING GRADE 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. **Silicone Flashing Grade** sealant features low odor, ease of application, fast moisture cure, and superior adhesion to a variety of substrates.

BENEFITS:

- Superior Adhesion
- Long-Term Durability
- Excellent Flexibility Over Wide Temperature Range
- Non Flammable
- Safe and Easy to Use

4. TECHNICAL DATA

See Table 1 below.

5. INSTALLATION

- The surface must be clean, dry and free from oils and other contaminants.
- Product can be brush, trowel, or putty knife applied.
- Visit nationalcoatings.com for detailed application and cleanup instructions.
- Consult National Coatings Corp. for priming recommendations.
- In all cases, a sample should be tested and/or test joints should be installed on the project to confirm suitability.

6. TYPICAL CURE RATE:

Cure rate at 77°F and 50% RH:

- A. Tack-free time: 1-2 hour.
- B. Through cure (1/8" depth): 16-18 hours

7. STORAGE

Store materials between 50°F and 90°F to prevent damage to products. Do not store at high temperatures or direct sunlight. Protect all materials from freezing during transit, handling, storage, and installation. Minimum one year shelf life if stored at 50°F-90°F.

8. AVAILABILITY AND COST

SILICONE FLASHING GRADE may be purchased directly from National Coatings Corporation. For information call 800-423-9557.

9. WARRANTY

Various warranties are available for **SILICONE FLASHING GRADE** when used in **SILICONE ROOFING SYSTEMS** and installed by approved applicators.

10. MAINTENANCE

Periodic maintenance of referenced weatherproofing systems containing **SILICONE FLASHING GRADE** ensures extended performance and reduced life cycle costs.

11. TECHNICAL SERVICES

Additional information, product brochures, and Installation Guide Specifications are available. Energy Evaluations, Life Cycle Cost Analyses, and other roof management services are also available from our Technical Consultants.

12. FILING SERVICES

Additional product information is available from National Coatings Corporation.

TABLE I TECHNICAL DATA

Properties	Test Method	Results
Elongation	ASTM D-412	379*
Tensile Strength (psi)	ASTM D-412	235*
Solids Content (% by weight)	ASTM D-2697-3	92(+/-3)
Tack-Free Time (hours)	ASTMC-679	1-2 hrs
Cure Time (hours)	-	16-18 hrs
VOC (g/L)	EPA-24	<50

These products are for industrial/commercial applications only. Suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control.

