Loctite 2839291

Loctite Tite Foam Big Gaps Spray Foam Sealant Instruction Manual

Brand: Loctite

Model: 2839291

1. Product Overview

Loctite Tite Foam Big Gaps is an advanced polyurethane-based insulating foam sealant designed to effectively fill, seal, and insulate gaps and cracks up to 3 inches in size. This product is suitable for both interior and exterior applications, providing a durable and flexible seal against air, moisture, and pests.

Key features include:

- **Expands To Fill:** Fills, seals, and insulates effectively around gaps and cracks up to 3 inches in size.
- **High Density Foam:** Offers high density with a uniform cell structure for durability and overall insulation.
- **Superior Flexibility:** Withstands building and material movement without compromising its seal.
- **Strong Adhesion:** Bonds to most common building materials such as wood, concrete, brick, stone, metal, and PVC.
- **UV Resistance:** Withstands harsh UV rays for long-lasting results in outdoor environments.

The foam cures to a bright white color and is sandable and paintable once dry.



Figure 1: Loctite Tite Foam Big Gaps Spray Foam Sealant.



Figure 2: Premium Durability features including High Density, Adhesion, Flexibility, and UV Resistance.

2. Safety Information

WARNING: This product is extremely sticky and can cause irritation. Always wear appropriate personal protective equipment (PPE) during application.

- **Wear Gloves:** Polyurethane foam is very difficult to remove from skin. Always wear chemical-resistant gloves.
- **Eye Protection:** Wear safety glasses or goggles to protect eyes from splashes.
- **Ventilation:** Use in a well-ventilated area.
- **Flammability:** The product is flammable during dispensing. Keep away from heat, sparks, and open flames.
- **Storage:** Store in a cool, dry place away from direct sunlight and heat.

3. Setup and Preparation

1. **Prepare Surface:** Ensure the surface to be sealed is clean, dry, and free of dust, grease, or loose particles. For optimal adhesion and expansion, lightly mist the surface with water.
2. **Shake Can:** Shake the can vigorously for at least 30 seconds before use to ensure proper mixing of contents.
3. **Attach Trigger:** Unscrew the cap and firmly attach the included trigger assembly to the can. Push until it clicks securely into place.
4. **Activate Trigger:** Pull the safety tab on the trigger to activate it.



Figure 3: Step-by-step instructions for preparing the can and trigger.

4. Operating Instructions (Application)

Once prepared, the sealant is ready for application:

1. **Dispense Foam:** Point the straw applicator at the gap or crack you wish to fill. Squeeze the trigger to dispense the foam.
2. **Fill Gaps:** Apply the foam into the gap, filling it approximately 50-75% as the foam will expand significantly to fill the remaining space.
3. **Targeted Use:** This product is ideal for plumbing and wiring penetrations, HVAC/duct work, basements, crawlspaces, attic hatches, and sealing against pest entry.



Figure 4: Common applications for Loctite Tite Foam Big Gaps.



Figure 5: Application of foam sealant around a circular duct opening in a wall.

Official Product Video:

Video 1: Loctite TITE FOAM Insulating Foam, Big Gaps, 12-Oz Can. This video demonstrates the product's features and application process.

5. Maintenance and Cleanup

- **Trimming Excess:** Once the foam has fully cured (tack-free in approximately 8 minutes, fully cured in 12 hours), any excess foam can be trimmed flush with a utility knife or saw.
- **Cleaning Nozzle:** For best results, use the entire can in one application. If saving for later, the nozzle and straw may clog. Clean immediately after use if attempting to reuse.

6. Troubleshooting

- **No Foam Dispensing:** Ensure the trigger is correctly attached and the safety tab is removed. Shake the can vigorously for 30 seconds before use.
- **Foam Not Expanding/Curing Properly:** Ensure the surface was lightly misted with water before application, as moisture aids in the curing process. Check product expiration date.
- **Difficulty Reusing Can:** This product is generally designed for single-use applications. The nozzle and straw can clog quickly after initial use, making subsequent applications difficult. It is recommended to plan projects to use the entire can at once.

7. Specifications

Attribute	Value
Product Dimensions	2.56 x 2.56 x 7.87 inches
Item Weight	1 Pound
Item Model Number	2839291
Manufacturer	HENKEL ADHESIVES
Country of Origin	Estonia
Compatible Material	Wood, Brick, Concrete, Metal, Stone, Polyvinyl Chloride
Item Form	Spray

8. What's in the Box

- One 12-Ounce Can of Loctite TITE FOAM Insulating Foam Sealant, Big Gaps

9. Warranty and Support

For specific warranty information and customer support, please refer to the official Loctite website or contact their customer service directly. Product registration may be available for certain benefits.

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