



FOAM-IT

Expanding & Insulating Sealant No CFCs or HCFCs

❖ DESCRIPTION

Foam-It is a high performance, single component, four times expanding polyurethane sealant. Additionally, it is UL classified, fire retardant and does not contain ozone depleting chemicals. Foam-It is designed to seal, fill, and insulate cracks, voids and gaps in a wide variety of materials including but not limited to: wood, concrete, insulating foam boards, metals, plastics, sheetrock and vinyl. This fast curing formula is tack free in 30 minutes or less. It can be trimmed in an hour, painted in four hours and fully cured in 24 hours (dependent upon temperature and relative humidity). This foam sealant has an excellent R-value that reduces energy and heat/cool loss. It can help reduce greenhouse gas emissions, and reduce use of fossil fuels.

Foam-It permanently fills gaps and cracks to block drafts, insulate against heat or cold loss, stops moisture and insects while also reducing noise level and energy loss. It can be used in commercial, industrial, agricultural and residential applications for plumbing, outlets, ventilation, electrical junctions, between sills, concrete slabs and anywhere else that a fast acting, permanent air and moisture barrier is needed. Foam-it will not shrink or crack, and does not trap moisture, dust or other allergens like many other insulation products.



KEY FEATURES

- Four Times Expanding Polyurethane Sealing Foam
- Sound Absorbing
- Insulates Against Air Exchange & Heat Loss or Gain
- Tack Free in 30 Minutes or Less
- UL Classified
- Fire Retardant
- No Ozone Depleting Chemicals
- Hypoallergenic
- Multi-Application Formula
- Permanent

Part Number Size

FIA-12OZ	12oz can
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❖ APPLICATION

Surfaces must be clean, dry and free of grease, dirt or other substances that may prevent proper adhesion of Foam-it. For best results, apply expanding foam sealant when surface and ambient temperatures are between 60-100 degrees F (16-38 C), and chemical temperatures are between 50-100 degrees F (10-38 C).

***Use all chemical contents within 30 days of initial dispensing.**

***Always refer to local building codes prior to application of Foam-It insulation foam.**

❖ STORAGE

- **KEEP OUT OF REACH OF CHILDREN.**
- Bend applicator tube backwards, away from trigger. Push end of applicator tube onto top of trigger adapter.
- Store in well ventilated area.
- Protect from sunlight.
- Do not expose to temperatures exceeding 50° C/122° F.
- Restart by pulling applicator tube tip off top of adaptor. Use on test area before applying.



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❖ MATERIAL DATA

- Class 1 Foam
- ICC ESR-1926 Approved Fireblock
- R Value - 4.9 per Inch Thickness
- Shelf Life - 12 months
- Max Service Temp for Cured Foam - 240°F (116°C)
- Flame Spread - 10
- Smoke Developed - 15

❖ APPROVALS/ CERTIFICATIONS/ LISTINGS

- ICC ES ESR-1926
- INTERNATIONAL BUILDING CODE
- INTERNATIONAL RESIDENTIAL CODE
- BOCA NATIONAL BUILDING CODE
- 1999 STANDARD BUILDING CODE
- CALIFORNIA BUREAU OF HOME FURNISHINGS AND INSULATION
- UNDERWRITERS LABORATORIES CLASSIFIED CAULKING AND SEALANTS

❖ ASTM & UL

- ASTM E-84 SURFACE BURNING CHARACTERISTICS
- ASTM 3-96 WATER VAPOR TRANSMISSION
- ASTM C-273 SHEAR STRENGTH
- ASTM C-273 SHEAR STRAIN
- ASTM C-518 R-VALUE
- ASTM E-814 MODIFIED FOR FIRE BLOCK
- ASTM C-1536 YIELD
- ASTM D-1621 COMPRESSIVE STRENGTH
- ASTM D-1622 CORE DENSITY
- ASTM D-1623 TENSILE STRENGTH
- ASTM D-6226 CLOSED CELL CONTENT
- UL 1715 FIRE TEST



FOAM-IT

Typical Properties of Foam-It Polyurethane Class 1 Foam Sealant

Container Size	12 & 24 ounce (340 & 680 gm) Straw Foam	
Surface Dry Time/Surface Tack Free Time	1 year; unopened container	
Fully Cured	< 30 minutes @ 72°F/ 50% R.H.	
Trimnable	24 hours @72°F/ 50% R.H.	
ASTM E-84 Surface Burning Characteristics: Flame Spread Smoke Development	10 15	
ASTM E-96 Water Vapor Transmission	10 perm inches (25mm)	
ASTM C-273 Shear Strength	N/A	
ASTM C-273 Shear Strain	N/A	
ASTM C-518 R-Value	4-5/in. (25 mm)	
ASTM E-814 Modified for Fire Block	Pass	
ASTM C-1536 Yield	12oz(340gm) 1/4 in. (6.4mm) dia. bead - 900 ft. (280m) 3/8 in. (9.5mm) dia. bead - 400 ft. (124m)	
	24 oz (680gm) 1/4 in. (6.4mm) dia. bead - 1800 ft. (550m) 3/8 in. (9.5mm) dia. bead - 800 ft. (249m)	
ASTM D-1622 Core Density	1.75+/- .25 pff (20.8+/-1 4.0 kg/m ³)	
ASTM D-1623 Tensile Strength Percent elongation at break	N/A	
UL 1715 Corner Room Fire Test	N/A	
ASTM D-6226 Closed Cell Content	N/A	
International Building Code	Conforms	
International Residential Code	Conforms	
BOCA National Building	Conforms	
1999 Standard Building Code	Conforms	
ICC-ES	ESR-1926	
California Bureau of Home Furnishings and Insulation	Listed	
NPFA 30B Classification	Aerosol Level 2	
Underwriters Laboratories Classified Caulking & Sealants	UL R14175	ULC BLEZC.R14175