



Leaders of the PAK

FROTH-PAK™ FOAM INSULATION KIT FROTH-PAK™ FOAM SEALANT KIT

A leading cause of energy loss: air infiltration through gaps and cracks. In fact, between 25-40 percent of a home's energy loss is from air escape routes around the home.** But it can get worse. Where there's air, there's most likely moisture, which can lead to mold and mildew and other moisture-related problems. And don't forget dust, smoke, outside noise and insects that may invade an unsealed building envelope. You can lead the homeowner away from this costly and potentially damaging scenario by choosing FROTH-PAK™ products from Dow.

Put a Stop to It

Stop air infiltration and its side effects with FROTH-PAK™ Foam Insulation kits* and FROTH-PAK™ Foam Sealant kits. Two-component, quick-cure FROTH-PAK™ polyurethane foams quickly expand to fill cavities, penetrations and cracks greater than 2" (50 mm). Both deliver a high yield and are packaged in easy-to-handle, self-contained, portable containers, designed for hard-to-reach air-sealing jobs.

The Class A (Class 1) rating (flame spread of 25 or less) of FROTH-PAK™ Foam Insulation kit qualifies it as an effective insulation for wall, attic and crawl space applications. FROTH-PAK™ Foam Sealant has a flame spread of 25†† at a maximum width of 4" and maximum thickness of 2".

A PACK OF FEATURES AND BENEFITS

- Chemically cured, reduced curing time
- Bonds to wood, rigid foam, masonry, metal, drywall and more
- One-step application
- Specialized nozzles – widest selection in the industry
- Boxed kits with tank handles for enhanced portability
- Self-contained kits need no additional gas cylinders or equipment
- Temperature indicator for consistent quality of end product
- Variety of canister sizes (larger refillable systems available)

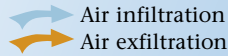
FROTH-PAK™ Polyurethane Spray Foam contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read the instructions and Material Safety Data Sheets carefully before use. Wear protective clothing, gloves, goggles or safety glasses, and proper respiratory protection. Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a particle filter may be required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits. Provide adequate ventilation. Contents under pressure.

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*Available in the United States only

**Source: www.energystar.gov

††Flame spread is 25 in the United States and 30 in Canada

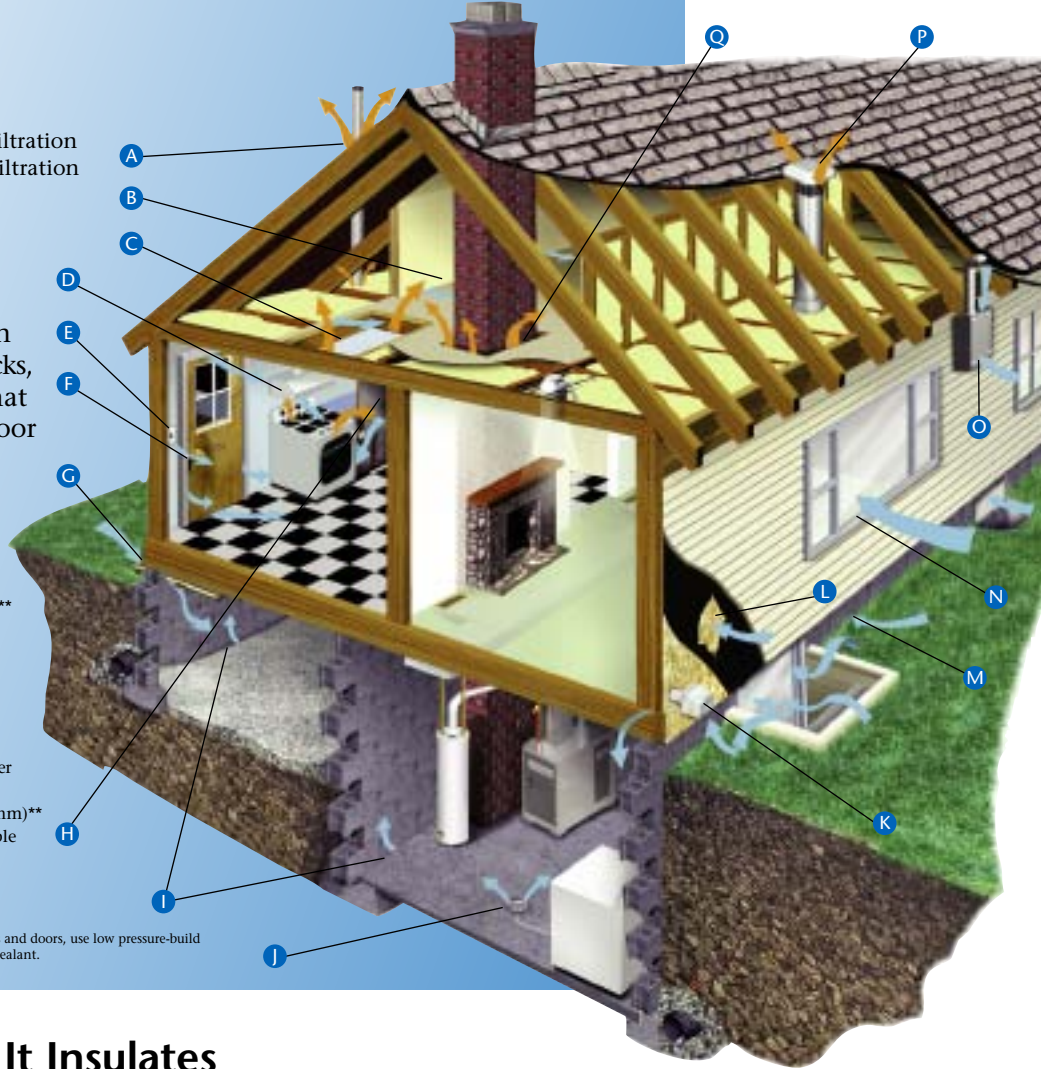


FROTH-PAK™ Fills the Void

FROTH-PAK™ products can quickly put an end to the cracks, crevices and penetrations that lead to energy loss and/or poor water management.

- A Plumbing stack vent
- B Interior partitions
- C Attic hatches
- D Kitchen fan vent
- E Light fixtures/electrical outlets[†]
- F Gaps/cracks around doors (>2" or 50 mm)**
- G Outdoor faucet
- H Chases/soffits/drop ceilings
- I Cracks/separation in foundation wall/basement floor
- J Floor drain/weeping tile
- K Dryer vent
- L Holes and tears in housewrap/vapor barrier
- M Sill plate
- N Gaps/cracks around windows (>2" or 50 mm)**
- O Entry points for electrical service, TV cable and telephone
- P Bathroom fan vent
- Q Chimney penetrations[†]

**For gaps and cracks less than 2" (50 mm) around windows and doors, use low pressure-build GREAT STUFF PRO™ Window & Door Insulating Foam Sealant.
[†]Maximum service temperature 240°F (116°C).



It Seals, It Insulates



FROTH-PAK™ products are formulated for two distinct applications: insulation or sealant.

For more detailed application information, visit www.sprayfoamatdow.com or contact your Dow Representative.

As an air sealant^{††}, FROTH-PAK™ products are ideal for many applications that require a maximum 4" wide strip of sealant, including:

- Roof/wall junctions
- Wall/attic penetrations
- Electrical, mechanical and plumbing penetrations
- Other gaps, cracks or crevices in the building envelope

As insulation^{††}, FROTH-PAK™ Foam Insulation kit is best suited for:

- Stud wall cavities
- Cold floors above unheated areas such as living area above garage
- Rim or band joists
- Crawl space walls and ceilings
- Attics
- Plumbing wall pipe insulation and support



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^{††}These applications should be covered with an ignition/thermal barrier, except for rim or band joists, which can be left exposed at 2" (50 mm) foam thickness maximum.

Forget the Others; Follow the Leader

FROTH-PAK™ Foam Insulation kits and FROTH-PAK™ Foam Sealant kits lead the competition with exceptional performance, and moisture and air resistance. Traditional insulations such as fiberglass and cellulose don't always stand up to the test.

TABLE 1

FROTH-PAK™ ⁽¹⁾ Foam Sealant kits				
Product ⁽²⁾	Theoretical Yield ⁽³⁾ , bd ft (m ³)	Reaction	Density, lb/ft ³ (kg/m ³)	Aged R-value (RSI) ⁽⁴⁾
FROTH-PAK™ 12	12 (0.028)	Quick	1.9 (30)	4.6 (0.81)
FROTH-PAK™ 120	110 (0.26)	Quick	1.9 (30)	4.6 (0.81)
FROTH-PAK™ 180	175 (0.41)	Quick	1.9 (30)	4.6 (0.81)
FROTH-PAK™ 600	560 (1.32)	Quick	1.9 (30)	4.6 (0.81)

(1) Underwriters Laboratories Listed – foam sealant

(2) Larger sizes, including refillable systems, are also available.

(3) Actual yield will depend on various factors of the application and the environment, including temperature, foam thickness, number of foam spray passes, the specific nozzle used, etc.

(4) R means resistance to heat flow. The higher the R-value or RSI, the greater the insulating power. Aged R-value (RSI) measured at 180 days, 72°F (22°C), 50% R.H.



When wet, fiberglass loses insulating value, and it can provide suitable conditions for mold and mildew growth. FROTH-PAK™ foam resists moisture, reducing the potential for mold and mildew growth.



Compressing fiberglass diminishes its insulating value. When hard-to-fill gaps are stuffed with fiberglass, the result is a poor air seal. FROTH-PAK™ products uniformly fill in gaps and maintain their original shape.

Cellulose insulation has its disadvantages. When improperly installed, there can be gaps around pipe penetrations as shown. Dry-blown cellulose can settle, creating additional air pockets. It can also absorb moisture, significantly reducing its thermal value and allowing the potential for mold and mildew growth. FROTH-PAK™ products, when installed properly, expand to form an airtight seal – even around penetrations. FROTH-PAK™ foam does not settle and resists moisture penetration.

TABLE 2

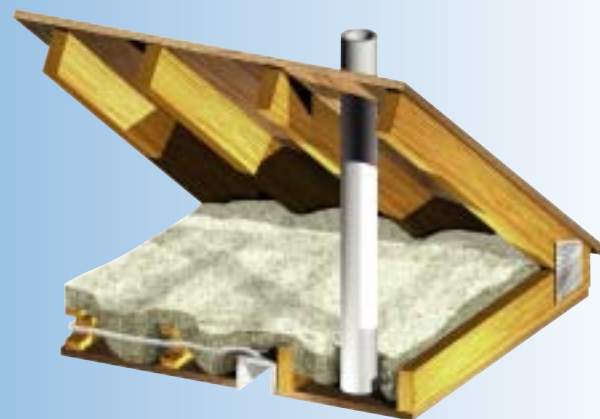
FROTH-PAK™ ⁽¹⁾ Foam Insulation kits				
Product ⁽²⁾	Theoretical Yield ⁽³⁾ , bd ft (m ³)	Reaction	Density, lb/ft ³ (kg/m ³)	Aged R-value (RSI) ⁽⁴⁾
FROTH-PAK™ Foam Insulation kit 180	160 (.38)	Quick	2.0 (32)	4.6 (0.81)
FROTH-PAK™ Foam Insulation kit 600	540 (1.27)	Quick	2.0 (32)	4.6 (0.81)

(1) Underwriters Laboratories Listed – Class A foam, 25 flame spread at full coverage

(2) Larger sizes, including refillable systems, are also available.

(3) Actual yield will depend on various factors of the application and the environment, including temperature, foam thickness, number of foam spray passes, the specific nozzle used, etc.

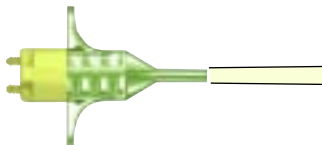
(4) R means resistance to heat flow. The higher the R-value or RSI, the greater the insulating power. Aged R-value (RSI) measured at 180 days, 72°F (22°C), 50% R.H.



In Control With Specialized Nozzles

The INSTA-FLO™ dispensing spray gun from Dow features patented nozzles, eliminating chemical crossover.

Select from the widest selection of specialized nozzles in the industry:



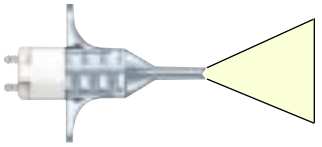
Caulking

Controlled bead size

Available:

Yellow Back – Low Output

White Back – Medium Output



Fan/Spray

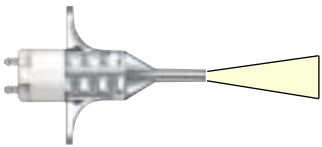
Wide area coverage

Available:

White Back – Low Output

Gray Back – Medium Output

Black Back – High Output



NS Cone/Spray

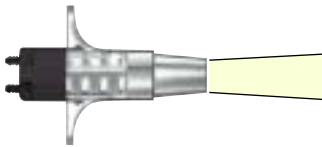
Small area coverage

Available:

White Back – Low Output

Gray Back – Medium Output

Black Back – High Output



Pour Nozzle

Large volume coverage

Available:

Black Back – High Output

Break with traditional insulation and sealant. Lead the way with FROTH-PAK™ Foam Insulation kits and FROTH-PAK™ Foam Sealant kits.

1-866-583-BLUE (2583) • www.sprayfoamatdow.com

IN THE U.S.:

- For Technical Information: **1-866-583-BLUE (2583)**
- For Sales Information: **1-800-232-2436**

THE DOW CHEMICAL COMPANY

• Dow Building Solutions • 200 Larkin • Midland, MI 48674

IN CANADA:

- For Technical Information: **1-866-583-BLUE (2583)** (English); **1-800-363-6210** (French)
- For Sales Information: **1-800-232-2436** (English); **1-800-565-1255** (French)

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GREAT STUFF PRO™ contains isocyanate and a flammable blowing agent. Read the label and Material Safety Data Sheet carefully before use. Eliminate all sources of ignition before use. Wear gloves, and safety glasses or goggles. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

FROTH-PAK™ Polyurethane Spray Foam contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read the instructions and Material Safety Data Sheets carefully before use. Wear protective clothing, gloves, goggles or safety glasses, and proper respiratory protection. Supplied air or an approved airpurifying respirator equipped with an organic vapor sorbent and a particle filter may be required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits. Provide adequate ventilation. Contents under pressure.

GREAT STUFF PRO™ or FROTH-PAK™ polyurethane foam sealant products should not be used around heaters, furnaces, fireplaces, or recessed lighting fixtures where it contacts heat conducting surfaces. The foam will burn if exposed to open flames or sparks from high energy sources, and it will start to thermally degrade if exposed to temperatures above 240°F for long periods of time.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.

Consult the label and Material Safety Data Sheet carefully before use.

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178-00456X-0409MCK
McKAY198980

The Right Insulating Sealant for the Right Job



For cavities, cracks and penetrations less than 2", Dow recommends GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant. For window and door framework, the low pressure-build, minimal-expanding GREAT STUFF PRO™ Window & Door Insulating Foam Sealant is proven not to distort or bow the framework, when properly installed.



For large jobs, STYROFOAM™ Brand Spray Polyurethane Foam (SPF) Insulation provides seamless protection against moisture and air infiltration.