



Leaders of the PAK

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

A leading cause of energy loss: air infiltration through gaps and cracks. In fact, up to 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™ FS Foam Insulation (FROTH-PAK FS)* and FROTH-PAK™ Foam Sealant. Two-component, quick-cure FROTH-PAK polyurethane foams quickly expand to fill cavities, penetrations, cracks and expansion joints 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 1 rating (flame spread of 25 or less) of FROTH-PAK FS qualifies it as an effective insulation for wall, attic and crawl space applications. The FROTH-PAK Sealant Foam Kit is ideal for air sealing smaller areas that do not require a foam plastic insulation flame spread rating of 25.



A PACK OF FEATURES AND BENEFITS

- High yield
- 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)

NOTE: FROTH-PAK™ FS Foam Insulation and FROTH-PAK™ Foam Sealant contain isocyanate, hydrofluorocarbon blowing agent and polyol. Read the Material Safety Data Sheet carefully before use. Wear protective clothing, gloves, goggles and proper respiratory protection. Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a particle filter is required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable exposure limits. Provide adequate ventilation.

Enough air escapes from a typical house every day to fill two Goodyear blimps.

www.urbanoptions.org

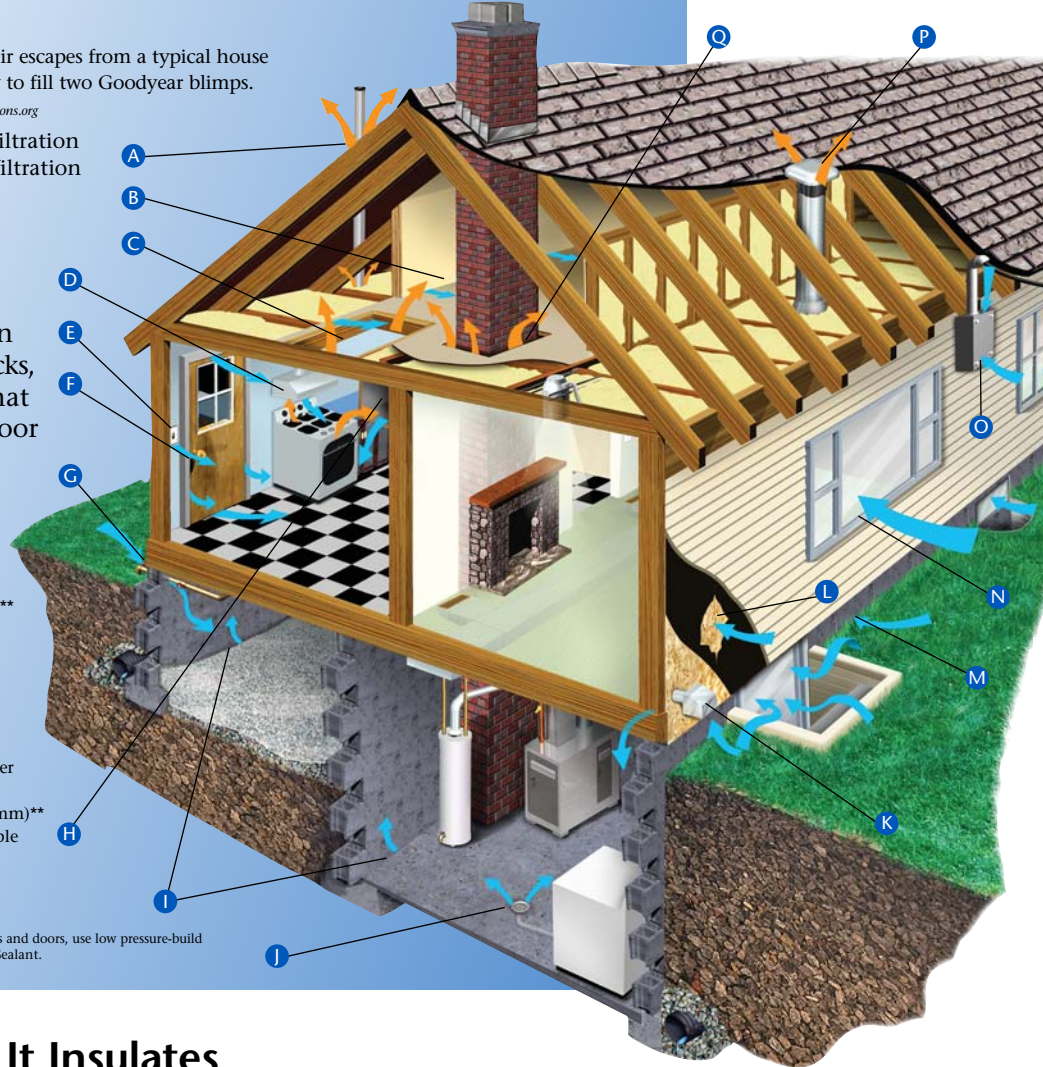
 Air infiltration
 Air exfiltration

FROTH-PAK™ Fills the Void

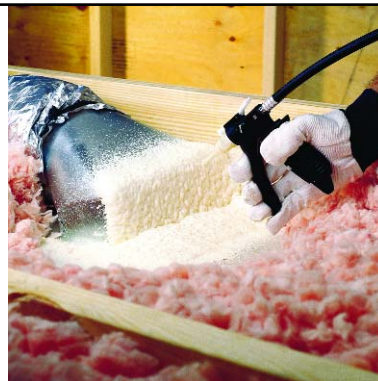
FROTH-PAK™ products can quickly put an end to the cracks, crevices and penetrations that lead to energy loss and/or poor water management.

- 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 request Form No. 179-07394 (U.S.) or Form No. 178-00836 (Canada) from your Dow representative.

As an air sealant, FROTH-PAK™ products are ideal for many applications, 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™ FS 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
- Bathtub support/insulation
- Plumbing wall pipe insulation and support



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††These Class 1 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™ FS Foam Insulation Kit and FROTH-PAK™ Foam Sealant Kit 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™ Foam Sealant Kits			
Product ⁽¹⁾	Theoretical Yield ⁽²⁾ , bd ft (m ³)	Reaction	Density, lb/ft ³ (kg/m ³)
FROTH-PAK™ 12	12 (.03)	Quick	1.75 (28)
FROTH-PAK™ 120	120 (.30)	Quick	1.75 (28)
FROTH-PAK™ 180	200 (.47)	Quick	1.75 (28)
FROTH-PAK™ 600	600 (1.41)	Quick	1.75 (28)

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

(2) 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.



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

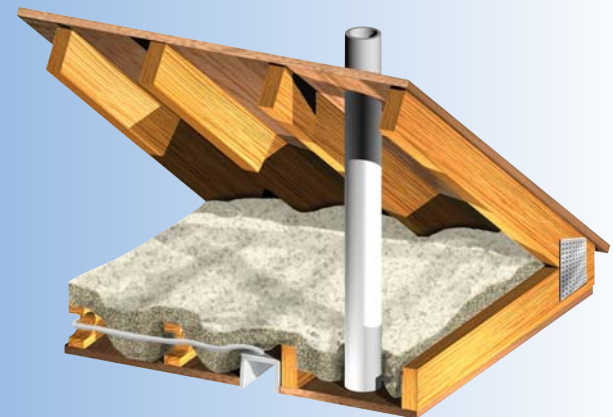
FROTH-PAK™ FS ⁽¹⁾ Foam Insulation Kits				
Product ⁽²⁾	Theoretical Yield ⁽³⁾ , bd ft (m ³)	Reaction	Density, lb/ft ³ (kg/m ³)	Aged R-value (RSI) ⁽⁴⁾
FROTH-PAK™ FS-180	160 (.38)	Quick	2.0 (32)	4.6 (0.81)
FROTH-PAK™ FS-600	540 (1.27)	Quick	2.0 (32)	4.6 (0.81)

(1) Underwriters Laboratories Inc. Classified Class 1, flame spread 25

(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.

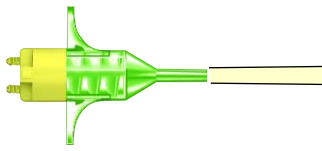
(4) R means resistance to heat flow. The higher the R-value or RSI, the greater the insulating power. Aged R-value (RSI) measured at 180 days, 72°F (22°C), 50% R.H.



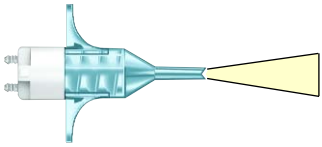
In Control With Specialized Nozzles

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

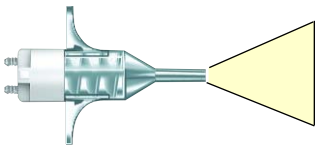
Select from the widest selection of specialized nozzles in the industry:



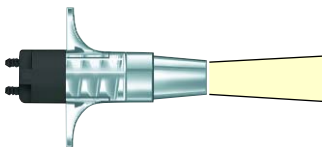
Caulking
Low output, controlled bead size



NS Cone/Spray
Medium output, small area coverage



Fan/Spray
Medium output, wide area coverage



Pour Nozzle
High output, large volume coverage for filling larger holes and gaps in floors or other horizontal surfaces

Break with traditional insulation and sealant. Lead the way with FROTH-PAK™ FS 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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COMBUSTIBLE: The foams produced by FROTH-PAK™ FS Foam Insulation and FROTH-PAK™ Foam Sealant are organic and combustible and may constitute a fire hazard. Do not expose foam to flame or temperatures above 240°F (116°C). Local building codes may require a protective or thermal barrier. For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

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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.

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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.



Form No. 179-07393X-1007P&M
178-00456-1007P&M