



[www.insulateyourhome.com](http://www.insulateyourhome.com)

## 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 foam quickly expands 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 rating (flame spread of 25 or less) of FROTH-PAK™ Foam Insulation 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" (100 mm) and maximum thickness of 2" (50 mm).

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\*Source: [www.energystar.gov](http://www.energystar.gov)

\*\*Consult the instructions and Material Safety Data Sheets carefully before use.

†Available in the United States only

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

#### A PACK OF FEATURES AND BENEFITS

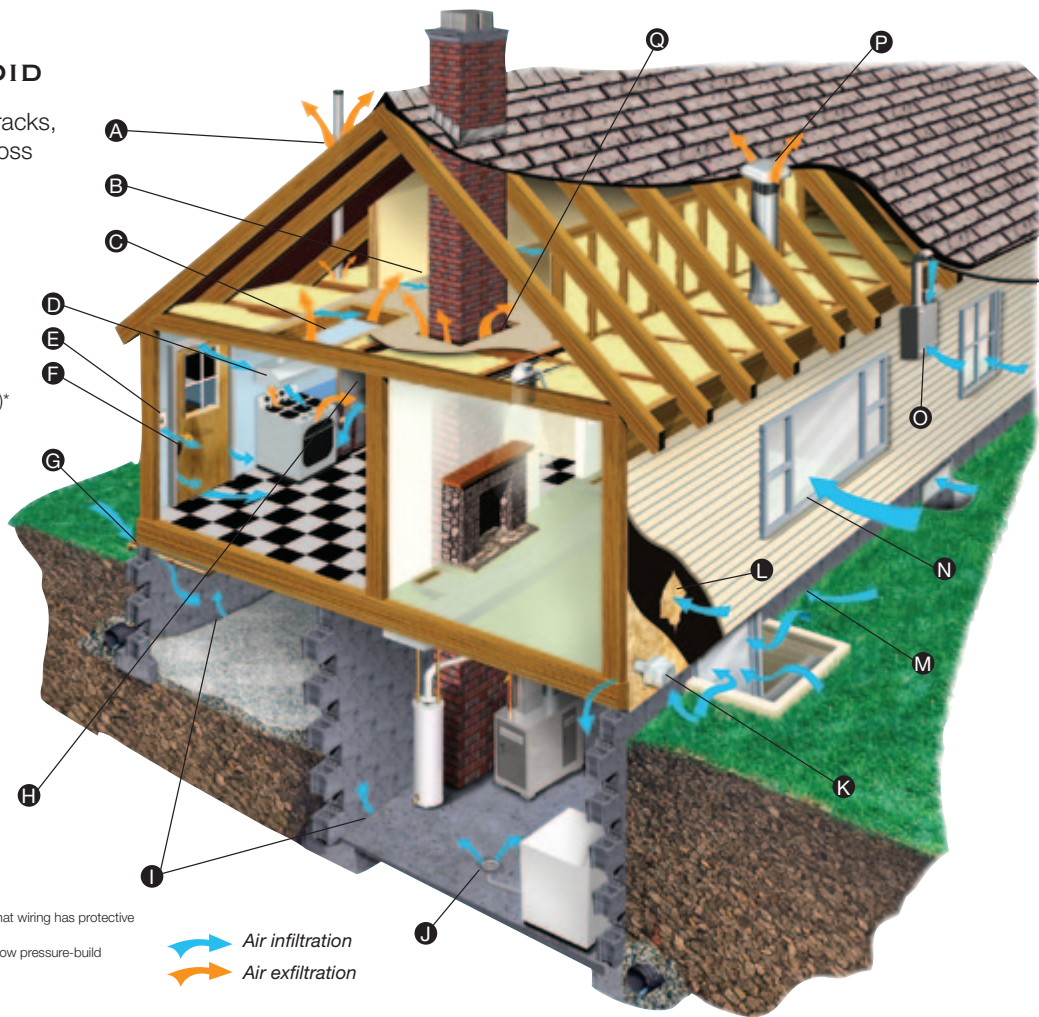
- Chemically cured, reduced curing time
- Bonds to wood, rigid foam, masonry, metal, drywall and more
- One-step application
- Specialized nozzles – widest selection in the industry today
- Boxed kits with cylinder handles for enhanced portability
- Self-contained kits need no additional gas cylinders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



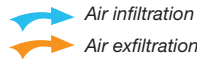
## FROTH-PAK™ FILLS THE VOID

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

- A Plumbing stack vent
- B Interior partitions
- C Attic hatch
- D Kitchen fan vent
- E Electrical outlets (outside perimeter of electrical boxes)\*
- F Gaps/cracks around doors (>2" [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" [50 mm])\*\*
- O Entry points for electrical service, TV cable and telephone
- P Bathroom fan vent
- Q Chimney penetrations†



\*Before applying, turn off electrical power to that area of the home. Be sure that wiring has protective covering. Never apply foam to exposed wiring or inside an electrical box.  
 \*\*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.insulateyourhome.com](http://www.insulateyourhome.com) or contact your Dow representative.



As an air sealant††, FROTH-PAK™ products are an ideal choice for many applications that require a maximum 4" (100 mm) wide strip of sealant, including:

- Wall/attic penetrations
- Wall cavity perimeter air sealing
- Electrical, mechanical and plumbing penetrations
- Other gaps, cracks or crevices in the building envelope



As insulation††, FROTH-PAK™ Foam Insulation is well suited for:

- Roof/wall junctures
- 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. FROTH-PAK™ Foam Insulation can be left exposed in roof/wall junctures at maximum 6" high, 2" deep and unlimited length. It shall not be used in lieu of a fire-resistance rated joint should one be required.

## FORGET THE OTHERS; FOLLOW THE LEADER

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

FROTH-PAK™ FOAM SEALANT <sup>(1)</sup> KITS				
Product <sup>(2)</sup>	Theoretical Yield <sup>(3)</sup> , bd ft (m <sup>3</sup> )	Reaction	Density, lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	Aged R-Value (RSI) <sup>(4)</sup>
FROTH-PAK™ 12	12 (0.03)	Quick	1.9 (30)	4.6 (0.81)
FROTH-PAK™ 120	120 (0.28)	Quick	1.75 (28)	4.7 (0.83)
FROTH-PAK™ 200	200 (0.46)	Quick	1.75 (28)	4.7 (0.83)
FROTH-PAK™ 620	620 (1.46)	Quick	1.75 (28)	4.7 (0.83)

(1) Underwriters Laboratories Listed – foam sealant

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

(3) The theoretical yield has become an industry standard for identifying certain sizes of two-component systems. Theoretical yield calculations are based on perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application methods and types.

(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 90 days, 140°F (60°C), 50% R.H.



FROTH-PAK™ FOAM INSULATION <sup>(1)</sup> KITS				
Product <sup>(2)</sup>	Theoretical Yield <sup>(3)</sup> , bd ft (m <sup>3</sup> )	Reaction	Density, lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	Aged R-Value (k-factor) <sup>(4)</sup>
FROTH-PAK™ 200	200 (0.46)	Quick	1.75 (28)	5.35 (0.027)
FROTH-PAK™ 620	620 (1.46)	Quick	1.75 (28)	5.35 (0.027)

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

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

(3) The theoretical yield has become an industry standard for identifying certain sizes of two-component systems. Theoretical yield calculations are performed in perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application methods and types.

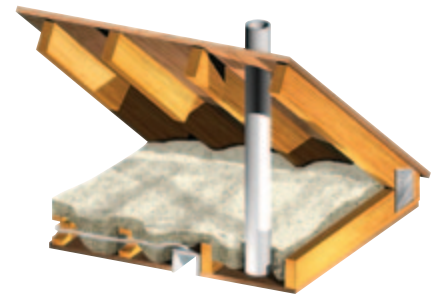
(4) R means resistance to heat flow. The higher the R-value (or lower the k-factor), the greater the insulating power. Aged R-value (k-factor) measured at 90 days, 140°F (60°C), 50% R.H.



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.

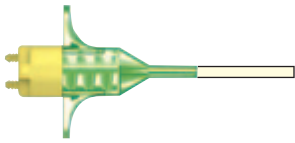


Cellulose insulation has its disadvantages. When improperly installed, there can be gaps around pipe penetrations as shown. Dry-blown cellulose can settle, creating additional air pockets. It can also absorb moisture, significantly reducing its thermal value and allowing the potential for mold and mildew 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.

## IN CONTROL WITH SPECIALIZED NOZZLES

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

Choose from the widest selection of specialized nozzles in the industry today:



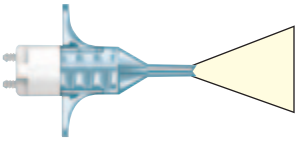
### CAULKING

Controlled bead size

Available:

Yellow Back – Low Output

White Back – Medium Output



### FAN/SPRAY

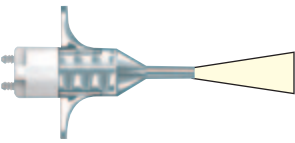
Wide area coverage

Available:

White Back – Low Output

Gray Back – Medium Output

Black Back – High Output



### NS CONE/SPRAY

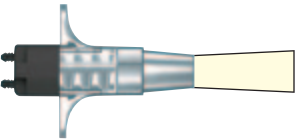
Small area coverage

Available:

White Back – Low Output

Gray Back – Medium Output

Black Back – High Output



### POUR

Large volume coverage

Available:

Black Back – High Output

## THE RIGHT INSULATING SEALANT FOR THE RIGHT JOB



**FOR CAVITIES, CRACKS AND PENETRATIONS LESS THAN 3"**, 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. STYROFOAM™ Brand SPF should be installed by a trained SPF applicator.

## BREAK WITH TRADITIONAL INSULATION AND SEALANT. LEAD THE WAY WITH FROTH-PAK™ FOAM INSULATION KITS AND FROTH-PAK™ FOAM SEALANT KITS.

866-583-BLUE (2583) • [www.insulateyourhome.com](http://www.insulateyourhome.com)

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### Dow Polyurethane Foam Insulation and Sealants

**CAUTION:** These products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult MSDS, call Dow at 866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 989-636-4400 in the U.S. or 519-339-3711 in Canada.

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 (including long sleeves), 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 P100 particulate 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™ products contain 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 long sleeves, gloves, and safety glasses or goggles. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

STYROFOAM™ Brand Spray Polyurethane Foam contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read the instructions and Material Safety Data Sheets carefully before use. Wear protective clothing (including long sleeves), gloves, goggles and proper respiratory protection. Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a P100 particulate filter is required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits. Provide adequate ventilation. Contents under pressure. STYROFOAM™ Brand SPF should be installed by a trained SPF applicator.

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.

FOR TECHNICAL INFORMATION: 866-583-BLUE (2583)

FOR SALES INFORMATION: 800-232-2436

THE DOW CHEMICAL COMPANY

Dow Building Solutions • 200 Larkin • Midland, MI 48674

FOR TECHNICAL INFORMATION: 866-583-BLUE (2583) (English) • 800-363-6210 (French)

FOR SALES INFORMATION: 800-232-2436 (English) • 800-565-1255 (French)

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