

What are FROTH-PAK™ Foam Insulation and Sealants and why are they the right choice?

Designed for **Professional Use ONLY**, FROTH-PAK™ Foam Sealant is a two-component, chemically cured polyurethane foam that comes either as a sealant or Class A fire-rated insulation. Both types of kits expand quickly to fill cavities, penetrations, and gaps greater than two inches. FROTH-PAK™ Polyurethane Foam Systems help improve the comfort, health, performance and energy efficiency of any building. It also helps offer lower long-term cost of ownership compared to drum and rig systems.

FROTH-PAK™ Foam Sealant provides a continuous barrier against air infiltration and helps seal out moisture, dust, pests, and smoke. Primarily used to seal gaps greater than 2" and less than 4" wide in:

- Wall/attic penetrations
- Electrical, mechanical and plumbing penetrations
- Attic hatches
- HVAC
- Wall cavities and around pipes
- Roof/wall junctures
- Rim joists
- Manufacturing and repair of insulated vehicles and containers

Note: FROTH-PAK Foam Sealant Kits cannot be used for full coverage insulation

Part of what makes each FROTH-PAK™ Polyurethane Foam System exceptional is its sturdy, reusable INSTA-FLO™ Dispensing Spray Gun with two attached flexible hoses. Unlike other dispensing guns, Dow offers patented anti-crossover nozzles designed for specific applications. Accurate, economical application of spray foam is easier with Dow's nozzles specially designed to help eliminate chemical crossover in FROTH-PAK™ Systems. Here are just a few of the features that make our reusable, easy-to-change nozzles—one of the industry's best:

- **Patented nozzle design** helps reduce potential for plugged hoses
- **Multiple nozzle types** offer a variety of outputs and spray patterns
- **Side wing design** provides quick gun attachment
- **Clear dispensing tips** make it easy to identify used nozzles



FROTH-PAK™ Foam Insulation, with a Class A fire rating (flame spread index of 25 or less), can be left exposed in roof/wall junctures up to 6" in height, 2" in depth and unlimited length* and used full-coverage behind a thermal barrier, qualifying as effective insulation for:

- Stud wall cavities
- Cold floors above unheated areas
- Rim and band joists
- Crawl space walls and ceilings
- Attic ductwork
- Plumbing wall pipe insulation and support
- 1-hour re-entry versus 24 hours (when proper ventilation is used) with drum foam means you're on to the next job and your customers can return to the building more quickly
- Call Dow at 1-866-583-BLUE (2583) to obtain required insulation installment training.



400 Rind Rd, Elizabethtown, KY. 42701
Toll Free 855.264.9021 - Phone 270.765.2212 – Fax 270.765.2262
Orders@LentusLLC.com - LentusLLC.com

NOTICE: No freedom from any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries or regions. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY DOW. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. The buyer assumes all risks as to the use of the material. Buyer's exclusive remedy or any claim (including without limitations, negligence, strict liability, or tort) shall be limited to the refund of the purchase price of the material. Failure to strictly adhere to any recommended procedures shall release The Dow Chemical Company, and its subsidiaries, of all liability with respect to the materials or the use thereof. The information herein is not intended for use by non-professional designers, applicators or other persons who do not purchase or utilize this product in the normal course of their business.

Dow Polyurethane Foam Insulation and Sealants CAUTION: When cured, 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 (Material) Safety Data Sheet ((M)SDS), 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. When air sealing buildings, ensure that combustion appliances, such as furnaces, water heaters, wood burning stoves, gas stoves and gas dryers are properly vented to the outside. See website: <http://www.epa.gov/iaq/homes/hivventilation.html>. In Canada visit <http://archive.nrc-cnrc.gc.ca/eng/lbp/irc/bsi/83-house-ventilation.html>.

GREAT STUFF™, GREAT STUFF PRO™ Insulating Foam Sealant products contain isocyanate and a flammable blowing agent. Read all instructions and (Material) Safety Data Sheet ((M)SDS), carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear long sleeves, gloves, and safety glasses or goggles. Not for use in aviation, or food/beverage contact, or as structural support in marine applications. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds; this improper use of the product could result in the accumulation of flammable vapors and/or uncured material. Failure to follow the warnings and instructions provided with the product, and/or all applicable rules and regulations, can result in injury or death.

FROTH-PAK™ Polyurethane Foams contain isocyanate, blowing agent and polyol. Contents under pressure. Read the instructions, review safe handling presentations, and read (Material) Safety Data Sheet ((M)SDS) carefully before use. Wear protective clothing to cover all skin (including long sleeves and hood), gloves, goggles or safety glasses, and proper respiratory protection. Do not breathe vapor or mist. Use only with adequate ventilation per use instructions. The spray foam applicator and anyone within 25 feet of the applicator must use an approved air-purifying respirator equipped with an organic vapor sorbent and a particle filter at a minimum. Increased ventilation significantly reduces the potential for isocyanate exposure, however, supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a particulate filter may still be required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits. For situations where the atmospheric levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure, air-supplying respirator (air line or self-contained breathing apparatus). Spraying large amounts of foam indoors may require the use of a positive pressure, air-supplying respirator. Follow all applicable federal, state, local and employer regulations.

GREAT STUFF PRO™ Gun Cleaner is flammable and contains acetone and propane. Read all instructions and (M)SDS carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. 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. 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.

© TM Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

179-00399-0617 CDP
PL-06-092017



SEAL OUT ENERGY LOSS. IMPROVE COMFORT. HELP BOOST PROFITS.

With one-and-two component polyurethane foams from Dow.



*check your local building codes

Our products help build in better performance.

Dow Building & Construction offers a full line of cost-effective, easy to use one-and-two-component polyurethane foams to help increase the energy efficiency and comfort of buildings. Many of your customers may not realize that much of the energy loss in a building comes from unwanted air infiltration through gaps and cracks or that air exchange promotes the potential for moisture, a breeding ground for mold and mildew. Our products include GREAT STUFF™ and GREAT STUFF PRO™ Insulating Foam Sealants and FROTH-PAK™ Foam Sealant and Insulation Kits, which are excellent choices for reducing drafts and energy loss, increasing building comfort and potentially expanding your current service offerings.

Why Air Seal?

Air infiltration accounts for 25%-40%* of a building's energy loss. Air sealing with Dow solutions helps to:

- Reduce energy consumption (lower heating & cooling bills)
- Reduce temperature fluctuations
- Seal out pests and allergens
- Decrease load on HVAC system
- Prevent moisture intrusion
- Improve comfort

Meet the Team GREAT STUFF PRO™ Series

When you need to get the job done right, trust the power of Pro. GREAT STUFF PRO™ Series Insulating Foam Sealants offer an airtight, water-resistant, long-lasting seal and are gun applied offering precision application. With high-yield, no-drip dispensing and 30-day restartability, you can make the most out of your building materials to get the job done faster, and better.



GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant

- 30-day restartability
- Fills gaps and cracks up to 3"
- Fireblock sealant (orange colored for easy recognition in residential applications)
- Adheres to wood, vinyl, metal surfaces and other building materials
- Helps keep out moisture/condensation and allergens
- For interior/exterior use***
- One 20 oz (gun applied can) foams 16-18 windows*, trims in 60 minutes**
- Scrape away any excess after 8 hours
- Paintable, sandable and sandable
- Easy to clean up uncured foam with GREAT STUFF PRO™ Gun Cleaner
- UL Classified

Common applications:

Plumbing and pipe penetrations, outside wall penetrations to accommodate HVAC, around gas line penetrations, around electrical wire penetrations and sill plates and rim joists.



GREAT STUFF PRO™ Window & Door Insulating Foam Sealant

- 30-day restartability
- Low-pressure, flexible polyurethane foam sealant
- Expands to seal gaps without bowing or bending the frame when applied appropriately
- Soft, pliable, easy to stuff back into gaps without trimming
- Bonds to vinyl, wood and metal frames
- Forms a durable, airtight and water-resistant seal to help lower energy bills
- Expands and contracts to allow for various weather conditions
- One 20 oz (gun applied can) foams 16-18 windows*
- Repels and deflects water
- Tack-free in 3-10 minutes, trims in 60 minutes**
- Paintable, stainable and sandable
- Easy to clean up uncured foam with GREAT STUFF PRO™ Gun Cleaner
- UL Classified

Common applications:

For use around windows and doors and their rough openings

GREAT STUFF PRO™ Gun Cleaner

- Dissolves uncured GREAT STUFF PRO™ Insulating Foam Sealant from the valve, tip and collar of Pro gun
- Also cleans the tip of any GREAT STUFF PRO™ can
- Comes with a spray nozzle and gun adapter attachment



GREAT STUFF PRO™ 14 Foam Dispensing Gun

- 30-day restartability
- Lightweight, high-strength aluminum body with a metal trigger
- Flow-control mechanism dispenses beads from 1/8" to 3"
- Greater precision and access to hard-to-reach areas
- Non-stick coated can adapter and needle
- Large flow control knob with secured back-screw system
- Replaceable smooth dispensing nozzle
- Works with all GREAT STUFF PRO™ cans
- No-drip dispensing
- Creates air- and moisture-tight seal between the gun and the can
- Includes plastic tapered tips



GREAT STUFF PRO™ Pestblock Insulating Foam Sealant

- 30-day restartability
- Specifically designed to block insects and pests from entering the home by sealing gaps and cracks where they commonly enter
- Seals openings up to 3"
- Contains no pesticides
- Interior/Exterior use***
- Bonds with most building materials
- Keeps good air in and unwanted air out for greater energy efficiency
- Tack-free in 3-10 minutes, trims in 60 minutes**
- Paintable, stainable and sandable
- Easy to clean up uncured foam with GREAT STUFF PRO™ Gun Cleaner
- UL Classified

Common applications:

Along the foundations of a building, outside wall penetrations to accommodate HVAC, around plumbing and pipe penetrations, and gas line penetrations.

GREAT STUFF™ Insulating Foam Sealants

Some jobs are better suited for one-time use straw dispensing cans. Increase your building's energy efficiency with these ready-to-use straw-dispensing products.

GREAT STUFF™ Gaps & Cracks Insulating Foam Sealant



- Designed to fill, seal and insulate gaps up to 1" while forming a long lasting, airtight and water-resistant bond
- Interior/exterior use**
- Forms a long-lasting weathertight seal to minimize drafts
- Tack-free in 5 - 15 minutes, trims in 60 minutes*
- Adheres to wood, metal, masonry, glass and most plastics
- Paintable, stainable and sandable
- All-direction dispensing
- 12 oz can = up to 22 tubes of caulk†
- UL Classified

Common applications:

Plumbing and pipe penetrations, sill plates/rim joists, outside wall penetrations to accommodate HVAC, around gas line penetrations, and electrical wire penetrations.

GREAT STUFF™ Big Gap Filler Insulating Foam Sealant



- Designed to fill, seal and insulate gaps up to 3" while forming a long-lasting, airtight and water-resistant bond
- Interior/exterior use**
- Forms a long-lasting weathertight seal to minimize drafts
- Tack-free in 5- 15 minutes, trims in 60 minutes*
- All-direction dispensing
- Adheres to wood, metal, masonry, glass and most plastics
- Paintable, stainable and sandable
- 12 oz can = up to 19 tubes of caulk††

Common applications:

Plumbing and pipe penetrations, sill plates/rim joists, outside wall penetrations to accommodate HVAC, around gas line penetrations, and electrical wire penetrations.

GREAT STUFF™ Multipurpose Black Insulating Foam Sealant



- Black in color, blending naturally into the surrounding environment.
- Multipurpose in function, for both interior and exterior use.
- Fills, seals and insulates gaps up to 3/4"
- Allows cured foam to hide well and not be noticeable in shadows.

It's easy to use because it's:

- All-direction dispensing.
- Adheres well to stone, eliminating the need for a caulk adhesive (depending on the project).
- Adheres well to rock, wood, metal, masonry, glass, and most plastics.
- Cures quickly 5- 15 minutes,* trims in 60 minutes (moisture-cured).
- Paintable, stainable, sandable.
- *70 ± 5 °F and 50 ± 5 %RH, 1 inch bead diameter, 6 inch length. Cure rate is dependent on temperature, humidity, and size of foam bead

Common applications:

Interior and exterior air sealing projects – including, but not limited to, insulation board joints, stud penetrations, plumbing penetrations, foundation/sill junctions, chimney bases and eaves, small gaps and cracks in the attic or garage, air conditioning lines, refrigerant lines, gas lines – service penetrations, repair of masonry walls, sidewalks, and porches, outdoor landscaping applications, RV and vehicle undercarriages, HVAC applications, trailer/transportation repairs, marine sealing applications

GREAT STUFF™ Window & Door Insulating Foam Sealant



- Specially formulated to air seal the gap between a window or door frame and its rough opening
- Low-pressure formulation proven to not distort or bow window and door frames when properly installed
- Expands to take the shape of gaps
- Tack-free in 5- 15 minutes, trims in 60 minutes*
- All-direction dispensing
- When cured, remains soft and flexible and can be stuffed back into gap without trimming
- Paintable, stainable and sandable

Common applications:

For use around window and door frames and their rough openings

GREAT STUFF™ Pestblock Insulating Foam Sealant



- Specially formulated to block pests by eliminating points of entry
- Designed to fill, seal and insulate gaps up to 1", forming a long-lasting, airtight and water-resistant barrier
- Interior/exterior use**
- Tack-free in 5- 15 minutes, trims in 60 minutes*
- All-direction dispensing
- Helps improve the home's energy efficiency by sealing gaps and cracks

Common applications:

Along the foundation of a building, outside wall penetrations to accommodate HVAC, around plumbing and pipe penetrations, gas line penetrations, and pipes.

GREAT STUFF™ Fireblock Insulating Foam Sealant



- Impedes the spread of fire and smoke through service penetrations
- Seals service penetrations between floors***
- Seals electrical runs through wall studs
- Fills, seals and insulates gaps up to 3/4 inch with an airtight, water resistant bond
- Recognized as an alternative fireblocking material
- Tack-free in 5- 15 minutes, trims in 60 minutes*
- All-direction dispensing
- Tested according to ASTM E84, ASTM E814 (modified), UL 1715
- Bright orange colored foam for visual inspection

Common applications:

Can be used in any residential applications where a fireblock is required, i.e. Utility service penetrations (plumbing, electrical, gas, cable and telephone, etc.) between floors, service penetrations (electrical, cable and telephone, etc.) through wall studs. Intended for use in residential applications to maintain the continuity of an approved fire block material. This is a fireblock not a firestop product.



*www.energystar.gov

*Based on average-sized windows 36" x 60", 3/8" wide gap, and 1" deep.

**70 ± 5 °F and 50 ± 5 %RH, 1 inch bead diameter, 6 inch length. Cure rate is dependent on temperature, humidity, and size of foam bead.

***Skin of cured foam can discolor if exposed to natural light. Paint or coat foam for best results.

*70 ± 5 °F and 50 ± 5 %RH, 1 inch bead diameter, 6 inch length. Cure rate is dependent on temperature, humidity, and size of foam bead.

**Skin of cured foam can discolor if exposed to natural light. Paint or coat foam for best results.

***Intended for use in residential application to maintain the continuity of an approved fire block material.

† Calculated caulk equivalence based on estimated yields using ASTM C 1536-3 Yield Results.

†† Calculated caulk equivalence based on 10.2 oz tubes of caulk.