

Let's compare **Froth-Pak™ Spray Foams**

While you may know and trust our legacy Froth-Pak™ formulation, we want you to know that the NEW Froth-Pak™ formulation boasts a GWP reduction of over 99% and contains no ozone-depleting chemicals or HFCs. All while maintaining or improving the performance attributes you have come to expect from the market-leading spray foam brand. Take a look at the improvements noted below- it's worth the change! Learn more at froth-pak.com.

Froth-Pak™ Legacy Formulation



Froth-Pak™ New, Low-GWP, HFC-Free Formulation



Code Approvals:

ICC
ES ESR 3228
ASTM E84 Class A*
NFPA 286
UL R7813
GreenCircle®
Energy Star



Code Approvals:

ICC
ES ESR 3228
ASTM E84 Class A*
NFPA 286
UL R7813
GreenCircle®
Energy Star



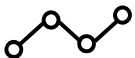
Tack Free/Cure Time:

45-60 Seconds



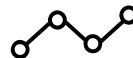
Tack Free/Cure Time:

30 Seconds



Shelf life:

15 Months



Shelf life:

15 Months



Kit Reusability:

Up to 30 days



Kit Reusability:

Up to 30 days



Closed Cell¹ Content:

90%



Closed Cell¹ Content:

Improved to 92%



R-Value:

High R-Value of 6.1 (1") and
12.2 (2")



R-Value:

Maintained High R-Value of
6.1 (1") and 12.2 (2")

*Froth-Pak™ Insulation, US offering only
1 ≥90% required to be considered closed cell

See Product Manual for Full Safety and Product Information.
DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours



FROTH-PAK™ SPRAY FOAM INSULATION (LEGACY FORMULATION)



PRODUCT DETAILS

Froth-Pak™ Spray Foam Insulation is a two-component, quick-cure polyurethane foam that fills cavities, penetrations, and cracks greater than 2". Froth-Pak™ Insulation Spray Foam is a chemically cured foam design to significantly reduce curing time. It dispenses, expands and becomes tack-free in seconds.

FEATURES AND BENEFITS

- Expands quickly to fill larger gaps and penetrations greater than 2"
- Provides a high level of insulating R-value on initial application
- Reusable for 30 days
- Forms a long-lasting, airtight, weather-resistant seal
- Seals out moisture, dust and pests
- Helps prevents rot, decay and other effects of moisture leakage
- Self-contained, portable kit
- Multiple dispensing heads provide the perfect coverage
- Minimal setup time
- Dries completely in less than a minute
- Comes in multiple tank sizes, 210 pictured here

WHERE TO USE



Attic Penetrations



HVAC Penetrations



Ducting



Pipe and Plumbing Penetrations



Sill Plate



Rim Joists



Wall/Attic Penetrations



Electrical Penetrations

For more information, scan below for access to our how-to use videos:



SCAN ME

PRODUCT EASE OF USE

Froth-Pak™ Foam Insulation is:

- Chemically cured foam with significantly reduced curing time
- Able to skin over in 30–40 seconds and cure in minutes**
- Available in refillable cylinders or disposable kits
- Useful for commercial applications including spray polyurethane foam roof repair, sealing roof perimeters and parapet walls
- Useful for residential applications including roof and wall junctions; wall and attic penetrations; electrical, mechanical, and plumbing penetrations and other gaps, cracks, or crevices in the building envelope

AVAILABLE SIZES

Froth-Pak™ Insulation is typically sold as a complete 43 lb. (Froth-Pak™ 210) or 125 lb. (Froth-Pak™ 650) portable kit that includes pressurized “A” and “B” cylinders, plus dispensing gun/hose assembly and accessories. Froth-Pak™ Insulation is also available in refillable, returnable cylinders for commercial applications requiring a large amount of foam. See Table 1 for yield and size information.



TABLE 1: SIZES AND THEORETICAL YIELDS

Product	Theoretical Yield, ⁽¹⁾ board ft
Kits	
Froth-Pak™ 210	210
Froth-Pak™ 650	650
Refillable Cylinders	
Froth-Pak™ 17 (gal)	2,150
Froth-Pak™ 27 (gal)	3,480
Froth-Pak™ 60 (gal)	7,160
Froth-Pak™ 120 (gal)	16,110
Froth-Pak™ 350 (gal)	45,820

⁽¹⁾The theoretical yield has become an industry standard for identifying certain sizes of two-component kits. 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.

* Froth-Pak™ Foam Insulation is a former product of The Dow Chemical Company.
** Actual cure time will depend on temperature, foam thickness, the specific nozzle used, etc

PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-866-583-2583 when additional guidance is required for writing specifications that include this product.

TABLE 2: TYPICAL PHYSICAL PROPERTIES OF FROTH-PAK™ FOAM SEALANT

These properties are typical but do not constitute specifications

Property and Test Method	Value
Nominal Density, ASTM D1622, lb/ft ³	1.75
Thermal Resistance ⁽³⁾ per inch, ASTM C518, ft ² •h•°F/Btu, R-value, min.	
Initial	6.2
Aged 180 days at 75°F – 1.0"	6.2 (when sprayed as 1" thickness)
Aged 180 days at 75°F – 2.0"	12.2 (6.2/in when sprayed as 2" thickness)
Air Leakage,	
ASTM E283 0.012 L/sec-m ² @ 75Pa	0
ASTM E2178 0.0088 L/sec-m ² @ 75Pa	0
Water Vapor Permeance, ASTM E96 -40 - 0.3	
perm @ 1" thick	6.2
perm @ 2" thick	6.2
Water Absorption, ASTM D2842, % by volume	3.2
Dimensional Stability, ASTM D2126, % volume change	
100°F/97% RH @ 1wk	0.7
158°F/97% RH @ 1wk	8.3
-40°F/amb RH @ 1wk	0.3
158°F/amb RH @ 1wk	3.1
Compressive Strength, ASTM D1621, lb/in ² , parallel	17.2
Tensile Strength, ASTM D1623, lb/in ² , parallel	29.0
Maximum Service Temperature, °F	240

¹Tested at 2" thickness, full coverage.

²This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

³R means resistance to heat flow. The higher the R-value, the greater the insulating power.

These properties are typical but do not constitute specifications.

INSTALLATION

Use Conditions

- Complete operating instructions are provided with every Froth-Pak™ Foam Insulation purchase. Read all information and cautions before application.
- Check with local codes prior to use. If used in an exterior setting, a coating must be applied for ultraviolet (UV) protection.

Application

- Froth-Pak™ may be used as an air barrier material for wall/floor and roof/wall intersections in the exterior building envelope when installed at a maximum thickness of 2 inches by a width of 6 inches (the length is unlimited). Please see ICC ESR-3228 for a full list of approved applications.

- Avoid overfilling restricted spaces. The reaction of these chemicals causes expansion and may exert enough force to cause an uncontrolled stream of foam, spraying the work area and possibly the operator.
- Froth-Pak™ foam will adhere to most surfaces and skin. Avoid ALL skin contact. Wear gloves and protective clothing.
- Re-entry allowed after only one hour post-application.

Curing

- Cured foam is difficult to remove. Cured foam must be mechanically removed or allowed to wear off in time.

Equipment

Dispensing gun/hose assembly and accessories included in kit..

TESTING

Applicable Standards – ASTM International

- C203 – Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation
- C273 – Standard Test Method for Shear Properties of Sandwich Core Materials
- C518 – Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
- D1621 – Standard Test Method for Compressive Properties of Rigid Cellular Plastics
- D1622 – Standard Test Method for Apparent Density of Rigid Cellular Plastics
- D1623 – Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
- D2842 – Standard Test Method for Water Absorption of Rigid Cellular Plastics
- E96 – Standard Test Methods for Water Vapor Transmission of Materials

- E283 – Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen
- E2178 – Standard Test Method for Air Permeance of Building Materials

Notice

Froth-Pak™ Foam Sealant complies with the following codes:

- Underwriters Laboratories, Inc. (UL) Classified, see Classification Certificate R7813
- National Fire Protection Association – per NFPA 286 testing, can be left exposed in non-fire-resistant-rated roof/wall junctures, maximum 6" high and 2" deep (unlimited width)

Contact your DuPont sales representative or local authorities for state and local building code requirements and related acceptances.

HANDLING

WARNING: For Professional Use Only

Read and follow the entire Handling section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont™ products. Follow all applicable federal, state, local and employer regulations.

Precautionary Statements

- Froth-Pak™ Foam Sealant will adhere to most surfaces and skin. Do not get foam on the skin. Wear protective clothing (including long sleeves), gloves, and goggles. Cured foam must be mechanically removed or allowed to wear off in time.
- WARNING: CURED FOAM IS COMBUSTIBLE AND WILL BURN IF EXPOSED TO OPEN FLAME OR SPARKS FROM HIGH ENERGY SOURCES. These products should not be sprayed where the foam may come into contact with hot surfaces, such as heaters, furnaces, fireplaces, or recessed lighting fixtures. The foam should NOT be exposed to temperatures over 240F (116C).
- Avoid overfilling restricted spaces. The reaction of these chemicals causes expansion and may exert enough force to cause an uncontrolled stream of foam, spraying the work area and possibly the operator.
- Froth-Pak™ Spray Polyurethane Foam contains isocyanate, hydrofluorocarbon blowing agent, and polyol. Read all instructions and (M)SDS carefully before use. Wear protective clothing and cover all skin (including long sleeves), gloves, goggles or safety glasses, and proper respiratory protection.
- Do not breathe vapor or mist. Use only with adequate ventilation.
- Isocyanate is irritating to the eyes, skin, and respiratory system, and may cause sensitization by inhalation or skin contact.
- Contents are under pressure.

Personal Protective Equipment (PPE)

Personal protective equipment (PPE) used during the handling of Froth-Pak™ products must at a minimum include:

- Protective clothing including long sleeves, gloves, and goggles.
- RECOMMENDED – Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a particulate filter to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits.
- IF ATMOSPHERIC LEVELS EXCEED THE LEVEL FOR WHICH AN AIR-PURIFYING RESPIRATOR IS EFFECTIVE – A positive pressure, air-supplying respirator such as an air line or self-contained breathing apparatus.

Disposal

Dispose of any residual DuPont™ product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.



**For more information visit
frothpak.com/insulation
or call 1-866-583-2583**

NOTICE: No freedom from any patent owned by DuPont 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 DuPont is represented. The claims made may not have been approved for use in all countries or regions. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont 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 DUPONT. 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 DuPont Specialty Products USA, LLC or its affiliates, 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.

CAUTION: This product is combustible. Protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-2583 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.

WARNING: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

FROTH -PAK™ 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 or safety glasses, and proper respiratory protection. Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including DuPont can give assurance that mold will not develop in any specific system.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, ® or © are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2020 DuPont.

43-D100067-enUS-0120 CDP