



# INSTALLATION RECOMMENDATIONS FOR GREAT STUFF PRO™ GAPS & CRACKS INSULATING FOAM SEALANT

GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant fills gaps and cracks around the home. The product is also an effective fireblock penetration sealant (U.S. only). Designed to fill gaps up to 3" (76 mm), GREAT STUFF PRO™ Gaps & Cracks expands to take the shape of cracks and voids, forming a permanent, airtight and water-resistant bond to vinyl, wood and metal surfaces.

To determine the amount of GREAT STUFF PRO™ Gaps & Cracks required for an application, see Table 1.

## SAFETY AND CONDITIONS OF USE

- Read the label and Material Safety Data Sheet carefully before use.
- GREAT STUFF PRO™ Insulating Foam Sealants contain isocyanate and a flammable blowing agent. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Use in well-ventilated areas or wear proper respiratory protection. Isocyanate is irritating to the eyes, skin and respiratory system, and may cause sensitization by inhalation or skin contact.
- GREAT STUFF PRO™ foam is very sticky and will adhere to most surfaces and skin. Do not get foam on skin. Wear long sleeves, gloves, and goggles or safety glasses. Cured foam must be mechanically removed or allowed to wear off in time.
- The contents are under pressure. The can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources of heat. Do not place can in hot water. Do not puncture, incinerate or store at temperatures above 120°F (49°C).

- Cured GREAT STUFF PRO™ foam is 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). GREAT STUFF PRO™ foam should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces. For proper ventilation of combustion appliances, visit [www.epa.gov/iaq/homes/hip-ventilation.html](http://www.epa.gov/iaq/homes/hip-ventilation.html).
- Do not inject GREAT STUFF PRO™ foam into large or confined cavities such as behind holes in drywall or under tub wall surrounds where flammable vapors may collect. Foam must be exposed to atmospheric moisture to thoroughly cure.

## RECOMMENDATIONS

1. GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant may be used on vinyl, wood, composite and metal (aluminum or steel) substrates. The product adheres best when surfaces are clean and free of oil or chemicals.
2. Extremely cold temperatures can affect dispensing performance.
3. Skin of cured foam can discolor if exposed to natural light; paint or coat foam for best results.

## APPLICATION

### Gun-applied version:

1. Shake can vigorously for 1 minute before dispensing and between uses.
2. Invert can and screw foam dispensing gun assembly firmly onto valve as shown in Figure 1. Screw until finger-tight; do not over-tighten or cross-thread. When changing cans, tighten the gun's flow control knob before removing the empty can (Figure 2). Use GREAT STUFF PRO™ Gun Cleaner to remove any residual foam from the attachment area before attaching fresh can.

3. Adjust flow control screw on back of gun to an open position. Immediately press trigger to fill gun with foam while dispensing into an appropriate waste receptacle.
4. Keeping can inverted, insert applicator nozzle into the penetration to be filled and begin dispensing a continuous bead of foam slowly. Fill gap less than 50 percent full to allow for proper expansion.
5. The foam dispensing gun can dispense a foam bead from 1/8" to 3" (0.3 cm to 8 cm). This is achieved by squeezing the trigger or by adjusting the flow control knob to set how far the trigger can be pulled (Figure 3).
6. If gap is overfilled, stuff excess cured foam into gap with a blunt tool or trim away with a sharp knife. Foam can be trimmed in 30 minutes.
7. Clean foam dispensing gun periodically by rubbing the end on soft wood to free it from foam. Do not use a sharp object to clean foam dispensing gun. Use GREAT STUFF PRO™ Gun Cleaner between extended periods of non-use.
8. To store partially used can, tighten flow control screw closed and store can upright with gun attached. Use can within 30 days of initial use.
9. To reuse, shake can vigorously for 1 minute before dispensing.

**TIP: Always close flow control knob when gun is not in use.**

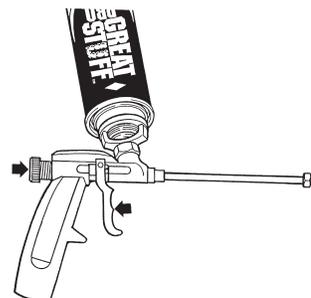
FIGURE 1



FIGURE 2



FIGURE 3



**TABLE 1: ESTIMATED YIELDS FOR GREAT STUFF PRO™ GAPS & CRACKS INSULATING FOAM SEALANT**

CAN SIZE, OZ (G)	DELIVERY	YIELD <sup>(1)</sup> , LINEAR FEET (M)	ESTIMATED CAULK EQUIVALENCY, QUART TUBES
24 (680)	Reusable straw	775 (236)	18
24 (680)	Gun	970 (296)	22
30 (850)	Reusable straw	965 (294)	22
30 (850)	Gun	1,450 (442)	33

(1) Estimated yield under ideal conditions, 3/8" (1 cm) diameter bead.

### Straw-applied version:

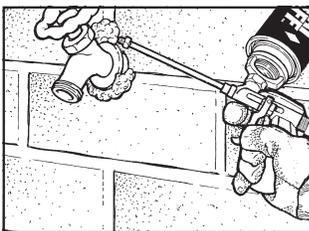
1. Shake can vigorously for 1 minute before dispensing and between uses.
2. Attach the nozzle by twisting it clockwise into the valve. Press the button until the appropriate size of foam bead is achieved. Fill gap less than 1/3 full to allow for proper expansion.
3. If gap is overfilled, stuff excess cured foam into gap with a blunt tool or trim away with a sharp knife. Foam can be trimmed in 30 minutes.
4. Clean straw periodically by rubbing the end on soft wood to free it from foam.
5. When finished, bend the straw back onto the plug on top of the trigger assembly. The plug prevents moisture from entering and curing inside the straw or valve.
6. To use after storage, gently rotate or twist the straw to break the adhesive bond of the foam. Pull the straw off of the plug and dispense.

### CLEANUP

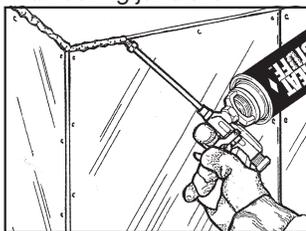
- On solid surfaces, uncured foam can be dissolved with GREAT STUFF PRO™ Gun Cleaner. Cured foam must be mechanically removed or allowed to wear off in time.
- To clean foam dispensing gun, install a can of GREAT STUFF PRO™ Gun Cleaner to the foam dispensing gun and spray until all foam is blown out of the dispensing gun and only cleaner is visible (approximately half the can of cleaner will be used). Allow the gun to sit for several minutes and repeat with a second flush.

### TYPICAL APPLICATIONS

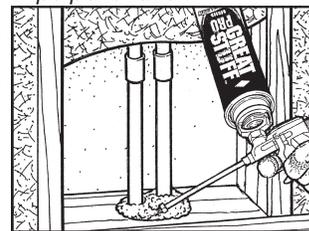
Outdoor water faucet



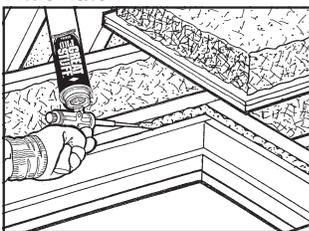
Wall-ceiling juncture



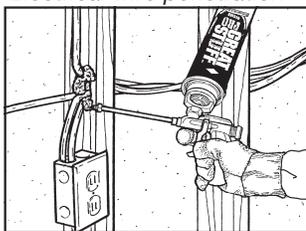
Pipe penetration



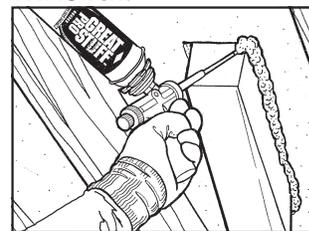
Attic hatch



Electrical wire penetration



HVAC vent



- Do not leave a can of cleaner mounted on the foam dispensing gun. This will dissolve the lip seals inside the gun and render it useless. Foam escaping at the handle or trigger indicates a faulty seal. If this happens, the gun should be replaced.

### SAFETY AND CONDITIONS OF USE

- Read the label and Material Safety Data Sheet carefully before use.
- GREAT STUFF PRO™ Gun Cleaner is flammable and contains acetone and propane. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights

- and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Provide adequate ventilation or wear proper respiratory protection.
- Wear gloves, and goggles or safety glasses.
- The contents are under pressure.

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#### 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 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.

GREAT STUFF PRO™ Insulating Foam Sealants contain isocyanate and a flammable blowing agent. Read the labels and Material Safety Data Sheets carefully before use. Eliminate all sources of ignition before use. Wear long sleeves, gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

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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.

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

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