



TECH DATA SHEET

Thermal Protection 07 21 19
Foamed In Place Insulation



1. PRODUCT NAME

Touch 'n Seal® Gun Foam II Polyurethane Foam Sealant

Gun Foam - Item # 4004529830
30.5 ounce (865 gm)

2. MANUFACTURER

Convenience Products
866 Horan Dr., Fenton, MO 63026 USA
(636) 349-5855
(800) 325-6180
FAX (636) 349-5335
E-mail support@touch-n-seal.com
Website: www.touch-n-seal.com

3. PRODUCT DESCRIPTION

Touch 'n Seal Gun Foam II polyurethane foam is a, high-performance, one component, approved Type V Residential Fireblock penetration sealant for use around pipes and conduits. Use bright orange Gun Foam II to fill annular spaces around penetrations for approved fire blocking performance as an important part of residential fire safety.

Gun Foam II permanently air seals and insulates gaps and cracks up to 1-1/2" (38 mm) wide blocking drafts, moisture, insects while improving comfort and reducing energy usage in commercial, industrial, agricultural and residential applications.

Basic Use

Use Gun Foam II as an approved Fireblock penetration sealant in Type V residential construction. Gun Foam II may be used to seal cracks and gaps up to 1-1/2" (38 mm) wide.

Gun Foam II foam provides a permanent insulating and air sealing solution to building component materials including wood, masonry, insulating foam boards, metal, plastics and sheetrock.

Use Touch 'n Seal Poly-Clean foam cleaner to clean wet Gun Foam II foam from hands, tools and foam applicator guns.

Composition & Materials

Touch 'n Seal Gun Foam II polyurethane one-component expanding foam sealant is permanent, bright orange in color, hypoallergenic and dries within minutes of application. Gun Foam II is non-toxic and will not decompose with age.

Sizes

Gun Foam - Item # 4004528712
24 ounce (680 gm)

Features/Benefits

- Approved Type V Residential Fireblock Penetration Sealant (ASTM-814)
- Bright orange color; easily identifiable
- Provides a permanent seal against air, moisture and insect infiltration
- Easier to use than caulk fireblock penetration sealants
- Bonds to common building materials including wood, concrete, insulating foam boards, metal, plastics and sheetrock
- Reduces energy loss
- No ozone depleting chemicals
- Does not shrink
- Does not trap moisture, dust and allergens like fiberglass insulation
- Expands to fill gaps up to 1/2" (12.5mm) wide reducing air exchanges
- Reduces use of fossil fuels and improves air quality
- Helps to reduce Green House Gas Emissions
- Closed cell structure.

Limitations

- Not a firestop.
- Foam is combustible. Do not expose to temperatures above 240°F (116°C), open flames or sparks.
- Not for exposure to ultraviolet light.
- Chemicals must be 50°-100°F (10°-38°C) prior to application.
- Do not store in temperatures above 120°F (49°C).
- Always refer to local building code regulations.
- 1 component foams are not suitable for covering large areas or voids such as sill plates, headers or in stud wall cavities. Refer to ICC-ESR for Fireblock applications. Refer to local building codes for details specific to your area.
- Propellant is flammable. Read MSDS and do not use near high heat, sparks or open flame.

4. TECHNICAL DATA

Applicable Standard

- ASTM E-84 Surface Burning Characteristics
- ASTM C-518 R-Value
- ASTM E-814 Modified for Fireblock
- ASTM C-1536 Yield
- ASTM D-1622 Core Density
- ASTM D-6226 Closed Cell Content
- UL 1715 Fire Test

Approvals/Certifications/Listings

- ICC-ES ESR-1926

- International Building Code
- International Residential Code
- BOCA National Building Code
- 1999 Standard Building Code
- California Bureau of Home Furnishings and Insulation
- Underwriters Laboratories Classified Caulking & Sealants

Physical/Chemical Properties

See Table.

Shelf Life

12 months in unopened container when stored between 60°-90°F (16°- 32°C), in a dry, well ventilated area.

Storage & Disposal

Keep containers tightly closed in a cool, well-ventilated area. Ideal storage temperature is 60°- 90°F (16°- 32°C). Storage above 90°F (32°C) will reduce shelf life. Do not store at temperatures above 120°F (49°C). Avoid freezing. Do not expose containers to conditions that may damage, puncture, or burst the containers. Dispose of leftover material/containers in accordance with Federal, state and local regulations. See Material Safety Data Sheet for more information.

5. INSTALLATION/APPLICATION

Always refer to local building codes prior to application of Touch 'n Seal foam sealants.

The Touch 'n Seal Gun Foam II one-component expanding foam sealant can be applied to, and will adhere to, almost any traditional construction surface including wood, masonry, insulating foam boards, metal, plastics and sheetrock.

Surface to receive Touch 'n Seal foam sealants must be dry, clean and free of dust, dirt, grease and other substances that may inhibit proper adhesion. For best results apply Touch 'n Seal Gun Foam II expanding foam sealant when surface and ambient temperatures are between 60°- 100°F (16°- 38°C).



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Temperature of chemical contents must be between 50°-100°F (10°-38°C) before dispensing. Use all chemical contents within 30 days of initial dispensing.

Keep out of reach of children. Always wear proper personal protective equipment, including gloves, clothing and eyewear. Use in well ventilated area.

Refer to manufacturer's Safe Use, Storage and Handling For Low Pressure Spray Foam Products brochure prior to handling Touch 'n Seal materials. You may request a copy of this document from Customer Service at 800-325-6180 or by downloading from www.touch-n-seal.com.

6. AVAILABILITY & COST

Availability

Touch 'n Seal® polyurethane foams are

available throughout the U.S., Canada, Mexico and the world. Contact Convenience Products Customer Service at 800-325-6180 or FAX 636-349-1708 for distributor information.

Cost

Contact Convenience Products for local distributors who can provide cost and delivery information.

7. WARRANTY

Convenience Products warrants its Touch 'n Seal products to be free of defects in workmanship and function.

Convenience Products is not liable for any incidental, consequential or any other damages beyond the description herein, however, certain states have specific laws regarding limitation on incidental or consequential damages, in which case, and you may have other legal rights.

8. MAINTENANCE

None

9. TECHNICAL SERVICES

Technical assistance, including more detailed information, product literature, test results, assistance with preparing project specifications and application training is available by contacting Convenience Products.

10. FILING SYSTEMS

Additional information is available from the manufacturer upon request.

The information contained herein was accurate at the time of publishing. Please refer to the Touch 'n Seal website for the latest information.

TYPICAL PROPERTIES OF TOUCH 'N SEAL GUN FOAM II POLYURETHANE FOAM SEALANT

Shelf Life	1 year; unopened container	
Surface Dry Time/Surface Tack Free Time	Approx. 10 min. @ 72°F/50% R.H.	
Fully Cured	Approx. 1 hour	
Cuttable	Approx. 30 minutes	
ASTM E-84 Surface Burning Characteristics Flame Spread Smoke Development	UL-723 (3 X 3/4" bead)	ULC S-102 (3 X 17.5mm bead)
	15	10
	25	5
ASTM C-518-4 R-Value	4 - 5/in. (25 mm)	
ASTM E-814 Modified for Fireblock	Passed	
ASTM C-1536 Yield 24 ounce (680 gm) gun foam 30.5 ounce (865 gm) gun foam	3,200 linear feet (975m) @ 1/4" (6.4 mm) dia. bead	
	4,060 (1,237m) linear feet @ 1/4" (6.4 mm) dia. bead	
ASTM D-1622 Core Density	1.3 – 1.8 PCF (20.8 – 28.8 kg/m ³)	
ASTM D-6226 Closed Cell Content	77%	
International Building Code	Conforms	
International Residential Code	Conforms	
BOCA National Building	Conforms	
1999 Standard Building Code	Conforms	
ICC-ES	Listed ESR-1926	
California Bureau of Home Furnishings and Insulation	Listed	
NFPA 30B Classification	Aerosol Level 2	
Underwriters Laboratories Classified Caulking & Sealants	UL	ULC
	BLIS.R14175	BLEZC.R14175



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