



TECH DATA SHEET

1. PRODUCT NAME

Touch 'n Seal® Two Component Spray
Foam Kits
1.75 pcf (28 kg/m³) Density

Foam Kit 15 - Item # 4004520015

Foam Kit 110 - Item # 4004520110

Foam Kit 200 - Item # 4004520200

Foam Kit 600 - Item # 4004520600

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 Two Component Foam Kits are portable, self-contained dispensing systems. When used according to manufacturer's directions, these systems supply thermal insulating and sound attenuating 2-component polyurethane spray foams. Touch 'n Seal spray foams are permanent and dry within minutes of application.

Touch 'n Seal Spray Foam Kits use disposable, pressurized chemical cylinders to dispense polyurethane spray foams eliminating the need for external air compressors, pumping equipment or dry nitrogen. These systems provide quick and easy foam application for repairs and renovations, new installations and production applications.

Basic Use

Touch 'n Seal Two Component Foam Kits are suitable for use in commercial, residential, transportation and agricultural applications. Touch 'n Seal spray foams offer increased structural strength and sound and thermal insulation while protecting against energy-robbing air infiltration, reducing overall building energy consumption.

Sizes

Foam Kit 15 - Item # 4004520015

15 board feet (1.3 m² @ 25 mm)

Foam Kit 110 - Item # 4004520110

110 board feet (10.2 m² @ 25 mm)

Foam Kit 200 - Item # 4004520200

200 board feet (18.6 m² @ 25 mm)

Foam Kit 600 - Item # 4004520600

600 board feet (55.7 m² @ 25 mm)

Features/Benefits

- Easy to transport
- No expensive maintenance
- No investment cost
- No deposit/No return
- Reduces energy loss by as much as 40%
- Reduces fossil fuel use and improves air quality
- Permanent insulation; does not shrink or settle like cellulose; maintains air seal
- Compatible with all fiber insulation systems including cellulose, fiberglass and rockwool
- No Ozone Depleting Chemicals
- Helps to reduce Green House Gas Emissions
- Expands to fill smallest to largest gaps, cracks and holes, reducing air exchanges
- High R-value
- Closed cell structure
- Allows for down-sized HVAC systems; uses less energy, fewer cycle times, more consistent "comfort level" and reduces equipment maintenance
- Significantly increases structural strength; important in high wind situations (per the Spray Polyurethane Foam Alliance)

Limitations

- Not for use as an exterior roofing system.
- Do not expose to temperatures above 250°F (121°C), open flames or sparks.
- Not for exposure to ultraviolet light.
- Chemical contents must be 70°F - 90°F (21° - 32°C) prior to spraying.
- Do not store in temperatures above 120°F (49°C).
- Always refer to local building code regulations.
- Certain structures such as cold storage and freezers have very specific design criteria. Ensure the structure has been designed by an appropriate design professional.
- Do not apply in layers more than ½" thick (12 mm) at a time. Allow foam to cool between the application of additional layers.
- Product is not a fire stop.
- Do not leave product exposed. Cover with approved facings



4. TECHNICAL DATA

Applicable Standards

- ASTM G21 Fungi Resistance
- ASTM E96 Water Vapor Transmission
- ASTM E283 Air Permeance
- ASTM C518 R-Value
- ASTM D1621 Compressive Strength
- ASTM D1622 Density
- ASTM D1623 Tensile Strength
- ASTM D2126 Thermal and Humid Aging - Dimensional Stability
- ASTM D6226 Closed Cell Content

Approvals/Certifications

- International Residential Code
- California Bureau of Home Furnishings and Insulation

Physical/Chemical Properties

See "Typical Properties" table. Test data available upon request.

Shelf Life

1 year 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). 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. Refer to "Foam Kit Operation Instructions" for storage of partially used kits.





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5. INSTALLATION / APPLICATION

Refer to “Foam Kit Operation Instructions” found inside the product carton or request a faxed set of these instructions by calling Customer Service at 800-325-6180.

Always refer to local building codes prior to application of Touch ‘n Seal® spray foam. Touch ‘n Seal spray foam can be applied to and will adhere to almost any traditional building material surfaces including; wood, concrete, polystyrene, gypsum board, fiberboard, masonry and metal.

Surfaces to be sprayed 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 spray foam when surface and ambient temperatures are between 60° - 90°F (16° – 32°C). Chemical contents must be between 70° - 90°F (21° – 32°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 head covering, gloves, clothing, eyewear and respirator. Use in well-ventilated area.

6. AVAILABILITY & COST

Availability

Touch ‘n Seal Two Component Spray Foam Kits 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 spray foam kits to be free of defects in workmanship and function.

Convenience Products is not liable for any incidental, consequential or any other damages or remedies. There are no warranties that extend beyond the description herein, however, certain states have specific laws regarding limitation on incidental or consequential damages, in which case, you may have other legal rights.

8. MAINTENANCE

Minor – Refer to “Foam Kit Operation Instructions.”

9. TECHNICAL SERVICE

Technical assistance, including 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.

TYPICAL PROPERTIES OF TOUCH ‘N SEAL SPRAY POLYURETHANE FOAM 1.75 PCF (28.03 kg/m³)

Shelf Life	1 year; unopened container	
Output	15 board feet (1.3 m ² @ 25 mm)	
Foam Kit 15	110 board feet (10.2 m ² @ 25 mm)	
Foam Kit 110	200 board feet (18.6 m ² @ 25 mm)	
Foam Kit 200	600 board feet (55.7 m ² @ 25 mm)	
Foam Kit 600		
Dry time/Tack Free Time	30 – 60 seconds	
Fully Cured	Approximately 1 hour	
Cuttable	2 – 5 minutes	
ASTM G21 Fungi Resistance	Does not support growth	
ASTM E96 Water Vapor Transmission	3.0 perms @ 1 in. (25 mm)	
ASTM E 283 Air Permeance	< 0.01 ft ³ /sec/ft ² (< 0.05 L/s/m ²)	
ASTM C518 R-Value	7.12 / in. (25 mm)	
ASTM D1621 Compressive Strength	7.6 psi (0.53 kg /cm ²)	
ASTM D1622 Density	1.75 ± .10 pcf (28.03 ± 1.60 kg/m ³)	
ASTM D1623 Tensile Strength	30.84 psi (2.17 kg/cm ²)	
ASTM D2126 Thermal and Humid Aging – Dimensional Stability	Linear	Mass
-40°F (-40°C) 2 weeks	+0.10%	+0.15%
158°F (70°C) 2 weeks	-2.10%	-3.95%
Combined -40°F (-40°C) 2 weeks & 158°F (70°C) 2 weeks	-2.00%	-3.80%
ASTM D6226 Closed Cell Content	> 85%	
International Residential Code	Compliant	
California Bureau of Home Furnishings and Insulation	Listed	

