



TECH DATA SHEET

1. PRODUCT NAME

Touch 'n Seal® Low Density Spray Foam
1.0 pcf (16kg m³) Density

Home Sealing Foam Kit 300
Item # 4004520300

Home Sealing Foam Kit 300
Item # 4004520301 Replacement

Home Sealing Foam Kit 1000
Item # 4004521000

Home Sealing Foam Kit 1000
Item # 4004521001 Replacement

CP1200FR
Item # 4505501200

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 Low Density (1.0 pcf) Spray Foam is an open-cell, non-structural air sealing and insulating foam for use in both new construction and renovation in industrial, commercial, agricultural and residential applications.

Touch 'n Seal Low Density Spray Foam is available in 2 convenient formats; 1. Touch 'n Seal Home Sealing Foam Kits are disposable, portable, self-contained, two-component spray foam dispensing systems, 2. The Touch 'n Seal CP1200FR utilizes disposable chemical cylinders and is applied through the CPDS 1000™ dispensing system.

Touch 'n Seal Low Density Spray Foams, when used according to manufacturer's directions, reduce energy costs by eliminating structural air and noise infiltration while improving indoor air quality by sealing out dust and pollen. Touch 'n Seal Low Density Spray Foam cures within minutes forming a permanent Class 1 fire retardant air seal.

Basic Use

Touch 'n Seal Low Density Spray Foam is formulated and designed for use in commercial, industrial and residential "flash and batt" air sealing applications. Home Sealing Foam Kits and CP1200FR offer a superior building envelope control solution when "picture framed" around studs and

thinly applied in the wall cavity (1/4" – 1" thick) and paired with traditional fiberglass or cellulose insulations.

Sizes

Foam Kit 300, #'s 4004520300 & 4004520301

300 board feet (27.8 m² @25 mm) @ 1.0 pcf (16kg m³ density)

Foam Kit 1000, #'s 400452100 & 4004521001

1000 board feet (92.9 m² @ 25 mm) @ 1.0 pcf (16kg m³ density)

CP1200FR, # 4505501200

1200 board feet (111.5 m² @ 25mm) @ 1.0 pcf (16kg m³ density)

Features/Benefits

- Class 1, fire retardant
- Permanently air seals the building envelope; does not shrink or settle like cellulose
- Reduces energy loss
- Reduces use of fossil fuels and improves air quality
- Compatible with all fiber insulation systems including cellulose, fiberglass and rockwool
- No Ozone Depleting Chemicals or formaldehyde
- Helps to reduce Green House Gas Emissions
- Expands to fill smallest to largest gaps, cracks and holes, reducing air exchanges
- Allows for down-sized HVAC systems; uses less energy, fewer cycle times, more consistent "comfort level", reduces equipment maintenance
- No deposit/No return
- No expensive maintenance
- Prevents dust and pollen infiltration
- Easy to transport

Limitations

- Not for use as an exterior roofing system.
- Do not expose to temperatures above 200°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 1" thick (25 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 E84 Surface Burning Characteristics
- ASTM E96 Water Vapor Transmission
- ASTM E283 Air Leakage
- ASTM C518 R-Value
- ASTM D1622 Density
- ASTM D2856 Closed Cell Content
- ASTM D6226 Open Cell Content

Approvals/Certifications

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

Physical/Chemical Properties

See Table 1. Test data available upon request.

Fire Performance

- Flame Spread Index: 25 @ 1" (51 mm)
- Smoke Development: 145 @ 1" (51 mm)





TECH DATA SHEET

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.

5. INSTALLATION / APPLICATION

Please refer to "Operation Instructions" found inside the product packaging 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 foam 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 Home Sealing Foam Kits and CP1200FR sets are available throughout the U.S., Canada, Mexico and the world. Contact Convenience Products Customer Service at 800-325-6180 or FAX 636-349-5335 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 and 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, and you may have other legal rights.

8. MAINTENANCE

Minor – Refer to Home Sealing Foam Kit and CP1200FR "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 LOW DENSITY SPRAY FOAM

Shelf Life	1 year; unopened container
Output/Yield*	
Foam Kit 300	300 board feet (27.8 m ² @ 25 mm)
Foam Kit 1000	1000 board feet (92.9 m ² @ 25 mm)
CP1200FR	1200 board feet (111.5 m ² @ 25 mm)
Tack Free Time	30 – 60 seconds
Fully Cured	Approximately 1 hour
Cutttable	2 – 5 minutes
ASTM E84 Surface Burning Characteristics @ 1" (25 mm)	
Flame Spread	25
Smoke Development	145
ASTM E96 Water Vapor Transmission	5.4 perms @ 1 in. (25 mm)
ASTM E283 Air Leakage	
1.57 psf (25 mpf)	0.003 cfm/sq ft
6.24 psf (50 mpf)	0.008 cfm/sq ft
ASTM C518 R-Value	4.0 / in. (25 mm)
ASTM D1622 Density	1.0 – 1.25 pcf/16.0 – 20.0 kg m ³
ASTM D2856 Closed Cell Content	< 10%
ASTM D6226 Open Cell Content	> 90%
International Residential Code	Compliant
California Bureau of Home Furnishings and Insulation	Listed

* Yield calculation is based on ideal laboratory conditions, and does not include blow agent loss, and may vary according to application method and environmental factors.

