



# PRODUCT DATA

## RESIDENTIAL/COMMERCIAL

# REFILL SYSTEM

## *Polyurethane Foam Sealant*



The Touch 'n Seal Refill System is a Class 1, fire retardant, high performance spray polyurethane foam dispensing system for large volume users. Touch 'n Seal Refill Systems provide structural strengthening and exceptional thermal insulation value as well as sound and vibration reduction in all types of structures. Touch 'n Seal Refill Systems are easy to use, providing fast, economical results with consistent high quality. The Touch 'n Seal Refill System consists of "A" and "B" chemical tanks, chemical filters, inline on/off valves, a high pressure regulator, nitrogen hoses, chemical dispensing hoses, and a foam applicator. Foam dispensing requires dry nitrogen for chemical tank pressurization and is not supplied with the system.

- **Economical; lower board foot cost for larger projects**
- **Provides air sealing, thermal and sound insulation**
- **Portable, returnable systems**
- **Easy to use**
- **Fast application**
- **Suitable for both new construction and repair**
- **Easier set up and maintenance than "foam rigs"**
- **No external power supply required like "foam rigs"**
- **Cures in 1 minute**
- **Ideal for full cavity filling or "flash & batt" applications**
- **No CFC's or urea formaldehyde**





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## Technical Data

- CLASS 1 Flame Retardant
  - ASTM E-84 - Flame Spread 25, Smoke Developed 450
- Density ASTM D-1622: 1.75 ± .2 pcf
- K-Factor ASTM C-518: 0.14 BTU • in • hr<sup>1</sup> • ft<sup>-1</sup> • F<sup>-1</sup> (initial)
- R-Value ASTM C-518: 7.12 Per Inch (initial)
- Compressive Strength ASTM D-1621: 10%, parallel: 19 psi, 10%, perpendicular: 13.4 psi
- ASTM E 96 Water Vapor Permeability, perms/inch: 1.6
- Tensile Strength ASTM D-1623: parallel: 34 psi, perpendicular: 24.1 psi
- Dimensional Stability ASTM D-2126:
  - -40°F, 2 weeks: + .88%, volume change,
  - 158°F, 100% RH 2 weeks: +14% volume change
- Water Absorption ASTM D-2842: 1-3.5%
- Closed Cell Content ASTM D-2856: 90% min.
- Shelf Life: 12 months in unopened container
- Limitation: Not for use as a fire stop
- Theoretical Yield: 2000 ± board/feet / 170 ± cubic feet
- Maximum Service Temp. for Cured Foam: 240°F (116°C)

## Properties

Density	1.75 pcf
Chemical Weights	150 LBS EACH
Empty tank with fittings	65 LBS EACH
Total Tank Weight	215 LBS EACH
Total System Weight	430 LBS
Dimensions	15" Diameter X 34" High

## System Components

ITEM NUMBER	ITEM DESCRIPTION	PACK/ FILL
4505100000	RF17-1.75 PCF REFILLABLE ("A" & "B" Chemical Tanks Only)	1
4505100012	Foam Applicator w/ 12" hoses	1
4505100035	Foam Applicator w/ 60' Hose Kit	1
4505100045	Hose Set - 30' - Refillable	1 - 30' Set
4505100045	Hose Set - 150' - Refillable	1 - 150' Set
4505100025	Filter Assembly - refillable	2
4505100040	On/Off Valve - Tank to Hose	2
4505100050	On/Off Valve - Hose to Applicator	2
4505100055	Hose Set - Nitrogen refillable	2
4505100060	HEATER BANDS W/CONTROLS REFILL	1 Set
4505100065	Regulator - Nitrogen	1
4505100080	Nozzle Kit - Calibration	25 per pack
4004529930	Nozzle Kit Clear - Conical	25 per pack
4004529940	Nozzle Kit Yellow - Fan	25 per pack

Always check local building codes before using this polyurethane foam system. Use of this foam product may be restricted or prohibited in certain areas by local building codes covering the use of cellular plastics or urethane foam.

## Typical Uses for Refillable Systems Include

- Full home insulation/air barrier sealing
- Rim joist/band joist/sill plate
- Commercial building insulation/air barrier air sealing
- Structural support
- Architectural molding
- Recreation vehicles
- Stage design
- Concrete block
- General Construction/Insulation
- Sound & Vibration Suppression
- Asbestos Abatement Containment
- Fill Voids & Joints
- Insulate Underground Piping
- Reduce Noise in Elevator Shafts
- Conduit & Chase Filling & Sealing
- Insulate, Support & Stiffen Metal Buildings
- Insulate, Support & Seal Overhead Doors
- Cold Storage Piping & System Insulation
- Seal Around Ducts, Air Vents & Thru-Wall Air Conditioner Units
- Support, Insulate, & Deadend Sound in Fiberglass Tubs & Showers
- Plumbing & Waste Piping Noise Reduction
- Reduce Sound in Partition Walls
- Radon Mitigation Elimination
- Insulate Underground Well & Septic Piping
- Level Steps and Patios
- Moisture Proofing Concrete Foundations of Grain Storage Bins
- Insulate and seal walls of Grain Drying Bins, Barns, Coops and Out Buildings
- Maintain Temperatures in Poultry Buildings, Hog & Breeder Barns
- Boating & Marine seat & hull flotation, sound reduction, insulation
- Piers and Dock flotation
- Pools & Spas
- Plumbing Repair Insulation
- Seal Joints of Insulated Panels (Metal Skinned or Concrete)
- Piping and Valve Insulation
- Seal & Insulate Roof Penetrations

### Limited Warranty

Please carefully read and strictly adhere to the directions, warnings and cautions contained in or affixed to this product. The user assumes all risk as to the use of the product. Failure to follow all instructions, directions, warnings, and cautions shall release Convenience Products from any and all liability. Representatives, distributors and dealers of this product may make no claims or warranties not herein expressed.



### Convenience products

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