



## SPECIFICATION DATA

### 1. Product Name

Versi-Foam® Systems 9, 15 and 50 Class I Slow Rise Disposable Foam Kits

### 2. Manufacturer

RHH Foam Systems, Inc.  
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### 3. Product Description

Versi-Foam® Systems 9, 15, and 50 Class I Slow Rise are disposable, closed-cell, low-pressure spray foam kits consisting of two chemical components (Component A: isocyanate and Component B: polyol blend), patented U-Control dispensing gun, ten multi-purpose mixing nozzles, nitrile gloves, and packet of petroleum jelly. These systems contain a flame retardant formula, meeting requirements of ASTM E-84 as a Class I product. They do not require any external power source.

### 4. Technical Data

Versi-Foam® Systems 9, 15, and 50 Class I Slow Rise have the following physical properties:

#### DENSITY (ASTM D1622):

|           |                        |
|-----------|------------------------|
| Free Rise | 1.75 lb/f <sup>3</sup> |
| In Place  | 2.0 lb/f <sup>3</sup>  |

**R FACTOR** at 1" thickness (ASTM C518): 6.7

**COMPRESSIVE STRENGTH** (ASTM D1621): 13.8 psi (parallel)

**CLOSED CELL CONTENT** (ASTM D2856): >95%

**DIMENSIONAL STABILITY** (ASTM D2126):

|  |       |
|--|-------|
| % Volume Change, 158°F, 100 RH, 7 days | 2.01  |
| % Volume Change, -60°F, 7 days         | -0.42 |

#### TEMPERATURE TOLERANCE:

|                            |         |
|----------------------------|---------|
| High Temperature Tolerance | 250° F  |
| Low Temperature Tolerance  | -250° F |

**AIR BARRIER PROPERTIES** at 75 Pa (ASTM E283): 0.005 L/s/m<sup>2</sup>

**PERM RATING** at 1" / at 3" (ASTM E96): 3.70 Perms / 1.83 Perms

**TENSILE STRENGTH** (ASTM D1623): 36.14 psi

**FLAMESPREAD** at 2" thickness (ASTM E84): 20

**SMOKE DEVELOPED** at 2" thickness (ASTM E84): 300

**TACK FREE TIME:** 2 minutes

**RISE TIME:** 2 minutes

#### YIELD:

|                             |   |
|-----------------------------|---|
| System 9 Class I Slow Rise  | 9 f <sup>3</sup>   108 f <sup>2</sup> @ 1" thick    |
| System 15 Class I Slow Rise | 16.5 f <sup>3</sup>   200 f <sup>2</sup> @ 1" thick |
| System 50 Class I Slow Rise | 50 f <sup>3</sup>   600 f <sup>2</sup> @ 1" thick   |

- Versi-Foam® products do not contain any CFC's, Penta-BDE's, VOC's, or Urea-Formaldehyde.
- Published yields are theoretical and vary based on several factors, including ambient conditions and specific application.
- Always use recommended personal protective equipment when using polyurethane foam products. Refer to the Material Safety Data Sheet for additional information on safe use and handling of Versi-Foam® Systems.