



## SPECIFICATION DATA

### 1. Product Name

Versi-Foam® Systems 1, 9, 15 and 50 Class I Disposable Foam Kits

### 2. Manufacturer

RHH FOAM SYSTEMS, INC.  
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### 3. Product Description

Versi-Foam® Systems 1 Class I, 9 Class I, 15 Class I, and 50 Class I are disposable closed-cell foam kits consisting of two chemical components (Component A: isocyanate and Component B: polyol blend), patented U-CONTROL dispensing gun, two multi-purpose mixing nozzles (System 1) or ten multi-purpose mixing nozzles (Systems 9, 15 and 50), nitrile gloves, and packet of petroleum jelly. These systems contain a flame retarded formula, meeting requirements of ASTM E-84 as a Class I product. They require no external power source.

### 4. Technical Data

Versi-Foam® Systems 1 Class I, 9 Class I, 15 Class I, and 50 Class I have the following physical properties:

#### DENSITY (ASTM D1622):

Free Rise	1.75 lb/ft <sup>3</sup>
In Place	2.0 lb/ft <sup>3</sup>

**R FACTOR** (ASTM C518): 7.0/inch

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

**WATER ABSORPTION** (ASTM D2127): 0.039 lb/ft<sup>2</sup>

**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 (ASTM E283):

At 75 Pa	0.005 L/s/m <sup>2</sup>
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#### PERM RATING (ASTM E96):

At 1"	7.14 Perms
At 3"	3.73 Perms

**FLAMESPREAD** (ASTM E84): 20

**SMOKE DEVELOPED** (ASTM E84): 160

**TACK FREE TIME:** 30-40 seconds

**RISE TIME:** 30-40 seconds

#### YIELD:

System 1 Class I	1 ft <sup>3</sup>   12 ft <sup>2</sup> @ 1" thick
System 9 Class I	9 ft <sup>3</sup>   108 ft <sup>2</sup> @ 1" thick
System 15 Class I	16.5 ft <sup>3</sup>   198 ft <sup>2</sup> @ 1" thick
System 50 Class I	50 ft <sup>3</sup>   600 ft <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.