



SPECIFICATION DATA

1. Product Name

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

2. Manufacturer

RHH Foam Systems, Inc.
 17100 W. Victor Road | New Berlin, WI 53151
 Phone: 1-800-657-0702 | 262-754-8088
 Fax: 262-754-8089
 Email: sales@rhhfoamsystems.com
 Web: www.rhhfoamsystems.com



3. Product Description

Versi-Foam® Systems 1 Class I, 9 Class I, 15 Class I, and 50 Class I 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, 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 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 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/f ³ |
| In Place | 2.0 lb/f ³ |

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/m²

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: 30-40 seconds

RISE TIME: 30-40 seconds

YIELD:

| | |
|-------------------|---|
| System 1 Class I | 1 f ³ 12 f ² @ 1" thick |
| System 9 Class I | 9 f ³ 108 f ² @ 1" thick |
| System 15 Class I | 16.5 f ³ 200 f ² @ 1" thick |
| System 50 Class I | 50 f ³ 600 f ² @ 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.