



SPECIFICATION DATA

1. Product Name

Versi-Foam® Systems 31 and 100 Class I Open Cell Foam Kits

2. Manufacturer

RHH Foam Systems, Inc.

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3. Product Description

The Versi-Foam® Systems 31 and 100 are open cell portable and disposable low-pressure spray foam kits. They include two sets of chemical components (Component A: isocyanate and Component B: polyol blend), patented U-Control dispensing gun, ten multi-purpose mixing nozzles, nitrile gloves, and a packet of petroleum jelly. The Versi-Foam® Systems 31 and 100 contain a flame retardant formula, meeting requirements of ASTM E-84 as Class I products. They are pre-pressurized and require no external power source.

The appeal of low-density, open cell products like the Versi-Foam® Systems 31 and 100 is their high expansion rate, making them less expensive per board foot than closed cell foams. These systems offer a cost effective means to insulate, control air movement and reduce sound transmission between rooms within the building. The Systems 31 and 100 are also well suited for exterior wall applications in which one inch of closed cell foam is applied to the exterior sheathing and then filled with open cell foam.

4. Technical Data

The Versi-Foam® System 31 and 100 Class I Open Cell have the following physical properties:

DENSITY (ASTM D1622):	0.75 lb/ft ³
R FACTOR at 1" thickness (ASTM C518):	4.0
CLOSED CELL CONTENT (ASTM D2856):	8%
OPEN CELL CONTENT (ASTM D2856):	92%
TEMPERATURE TOLERANCE:	
High Temperature Tolerance	250° F
Low Temperature Tolerance	-250° F
AIR PRESSURE PROPERTIES (ASTM E283):	
Infiltration, 75 Pa	0.0013 L/s/m ²
Exfiltration, 75 Pa	0.0015 L/s/m ²
FLAMESPREAD at 2" thickness (ASTM E84):	25
SMOKE DEVELOPED at 2" thickness (ASTM E84):	300
FUNGI RESISTANCE (ASTM 621)	No Growth
TACK FREE TIME:	2 minutes
RISE TIME:	2 minutes
YIELD:	
System 31	380 ft ² @ 1" thick
System 100	1,200 ft 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.