

VersiFoam®

Low GWP (HFO) Systems 1, 9, 15 & 50 Flame Retardant Disposable Foam Kits

Product Description

VersiFoam® Low GWP (HFO) Systems 1, 9, 15, and 50 Flame Retardant 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 (two for System 1; ten for 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 2 product. They do not require any external power source.



Code Compliances

VersiFoam® E84 Systems comply with the following codes: National Fire Protection Association – per NFPA 286 testing, cured product can be left exposed in a non-fire-resistant-rated roof/wall juncture, when applied at a maximum 6" high and 2" deep (unlimited width).

- VersiFoam® products do not contain any CFCs, Penta-BDEs, VOCs, 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 Safety Data Sheet for additional information on safe use and handling of VersiFoam® Systems.

Yield

System 1 1 f³ / 12 f² at 1" thick
System 9 9 f³ / 108 f² at 1" thick
System 15 16.5 f³ / 200 f² at 1" thick
System 50 50 f³ / 600 f² at 1" thick

Density (ASTM D1622)

Free Rise 1.9 lb/f³
In Place 2.0 lb/f³

R Factor (ASTM C518)

At 1" Thickness 6.5 (initial) / 5.8 (aged)

Compressive Strength (ASTM D1621)

21.3 psi (parallel)

Time

Rise 45-60 Seconds
Tack-Free 45-60 Seconds

Water Absorption (ASTM D2842)

% Volume Change 2.64%
Lbs/ft² 0.41

Closed Cell Content (ASTM D2856)

> 90%

Dimensional Stability (ASTM D2126)

± 5%

Temperature Tolerance

High 250°F
Low -250°F

Air Barrier Properties (ASTM E283)

At 75 Pa 0.01 L/s/m²

Perm Rating (ASTM E96)

At 1" TBD
At 3" TBD

Flamespread (ASTM E84)

At 2" Thickness 45

Smoke Developed (ASTM E84)

At 2" Thickness 400

Fungi Resistance (ASTM G21)

No Growth