

VersiFoam®

Systems 31 & 100 Class I Open Cell Disposable Foam Kits

Product Description

The VersiFoam® 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. They 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 is their high expansion rate, making them less expensive per board foot than closed cell foams. They offer a cost-effective means to insulate, control air movement, and reduce sound transmission between rooms within the building. They are also well-suited for exterior wall applications in which 1" of closed cell foam is applied to the exterior sheathing and then filled with open cell foam.

Open cell kits are particularly dependent on temperature. The yield of these products will be greatly reduced in cooler temperatures. Even in the warmest temperatures, the open cell product should NEVER be used in "flash spray" (i.e. less than 2") applications, as yield will be GREATLY reduced.

- 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 31 380 f² at 1" thick
System 100 1,200 f² at 1" thick

Density (ASTM D1622)

0.75 lb/f³

R Factor (ASTM C518)

At 1" Thickness 4.0

Time

Rise 30-40 Seconds
Tack-Free 30-40 Seconds

Closed Cell Content (ASTM D2856)

8%

Open Cell Content (ASTM D2856)

92%

Temperature Tolerance

High 250°F

Low -250°F

Air Pressure Properties (ASTM E283)

Infiltration, 75 Pa 0.0013 L/s/m²

Exfiltration, 75 Pa 0.0015 L/s/m²

Flamespread (ASTM E84)

At 3" Thickness 25

Smoke Developed (ASTM E84)

At 3" Thickness 300

Fungi Resistance (ASTM 621)

No Growth

