

TECHNICAL DATA SHEET

FOAM IT GREEN® LOW GWP (HFO) FLAME-RETARDANT LOW-PRESSURE SPRAY FOAM SYSTEMS

1. Product Name

Low GWP (HFO) Foam it Green® Foam it 12, 102, 202, and 602 Flame Retardant Disposable Foam Kits

2. Manufacturer

A&B Filling, Inc.

PO Box 510803 | New Berlin, WI 53151

Phone: 1-833-362-6484 | Fax: 1-833-362-6484

Email: sales@foamitgreen.com

Web: www.foamitgreen.com



3. Product Description

Foam it Green® Low GWP (HFO) Foam it 12, 102, 202, and 602 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 (Foam it 12) or ten multi-purpose mixing nozzles (Foam it 102, 202, and 602), 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.

4. Technical Data

Foam it Green® Low GWP (HFO) Foam it 12, 102, 202, and 602 Flame Retardant have the following physical properties:

DENSITY (ASTM D1622):

Free Rise 1.9 lb/f³

In Place 2.0 lb/f³

R FACTOR at 1" thickness (ASTM C518): 6.5 (initial), 5.8 (aged)

COMPRESSIVE STRENGTH (ASTM D1621): 21.3 psi (parallel)

WATER ABSORPTION (ASTM D2842):

% Volume Change / Lbs/Ft² 2.64% / 0.41

CLOSED CELL CONTENT (ASTM D2856): >90%

DIMENSIONAL STABILITY (ASTM D2126): +/-5%

TEMPERATURE TOLERANCE:

High Temperature Tolerance 250° F

Low Temperature Tolerance -250° F

AIR BARRIER PROPERTIES at 75 Pa (ASTM E283): 0.01 L/s/m²

PERM RATING at 1" / at 3" (ASTM E96): TBD

TENSILE STRENGTH (ASTM D1623): TBD

FLAMESPREAD at 2" thickness (ASTM E84): 45

SMOKE DEVELOPED at 2" thickness (ASTM E84): 400

FUNGI RESITANCE (ASTM G21) No Growth

TACK FREE TIME: 45-60 seconds

RISE TIME: 45-60 seconds

YIELD:

Foam it 12 1 f³ | 12 f² @ 1" thick

Foam it 102 9 f³ | 108 f² @ 1" thick

Foam it 202 16.5 f³ | 200 f² @ 1" thick

Foam it 602 50 f³ | 600 f² @ 1" thick

SHELF LIFE: 6 months from date of manufacture

- Foam it Green® 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 Foam it Green® Systems.



5. Code Compliance

Foam it Green® E84 Systems comply with the following code(s):

- 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).