



Mega Fill Pro RF
2-Component Spray Foam

Manufacturer: TVM Building Products

169 Jari Drive
Johnstown, PA 15904
Phone: (814) 269-9674
Toll Free: (888) 699-1645
Fax: (814) 269-4683
Web: www.tvmi.com



Product Description:

TVM's Mega Fill Pro RF series foam is a professionally applied two-component rigid froth spray foam system. In addition to improving the energy efficiency of the building, the Mega Fill Pro RF system uses the environmentally friendly HFC 134a propellant, and comes in returnable, reusable pressure cylinders. When cured, TVM's Mega Fill Pro RF product has high closed cell content and is classified as a Class 1 building material in accordance with the ASTM E84 fire test standard. Recommended dispensing equipment TVM FD-2000 Foam Dispensing System

Colors and Packaging:

Table with 4 columns: Size, Color, Part Number, and three product variants (RF17, RF60, RF120). Rows include Size (1,885 BF, 7,540 BF, 14,160 BF), Color (all Beige), and Part Number (1-87-36-006, 1-87-37-006, 1-87-38-006).

Features: When properly installed RF series foam:

- Provides excellent adhesion to most substrates
Provides high thermal and acoustical insulation compared to traditional insulation
Provides a barrier against air, moisture, pests and dust
Minimal equipment investment, no pumps or trailers required
Portable and easy to use

Applications: Use RF series foam when:

- Insulating and sealing large areas of open wall cavities
Whenever traditional, non sprayed insulations are inadequate
When a high quality, high capacity system is required
When an environmentally friendly, refillable system is desirable

Application Notes: Before you spray

- Please know your local building codes and any restrictions to product use
Per code, Polyurethane foam must be covered with a 15 minute thermal barrier (usually 1/2" drywall) in all habitable areas. In uninhabited areas, such as attics and crawlspaces that are not used for storage, you may use an ignition barrier in lieu of a thermal barrier. Please consult with your local building department to determine the appropriate barrier for your project.
Applicator MUST read and understand all operating instructions
Please make sure surface to be sprayed is clean, dry and free of grease, dirt, dust, or any substance that may inhibit proper adhesion
Please know the appropriate application rate! Over application into restricted spaces may result in uncontrolled expansion
Cured Polyurethane foam must be protected from UV-radiation by painting or applying a top layer of sealant
Cured polyurethane foam may be removed mechanically

Warranty and Shelf Life:

TVM warrants that product shall meet its specifications and be free of defects in workmanship. Please see www.tvmi.com for full warranty information. Unopened product has a 6 month shelf life when stored in a dry place. To achieve 6 month shelf life Component A must be stored between 64°F - 86°F (18°C - 30°C). To achieve 6 month shelf life component B must be stored between 45°F - 90°F (7°C - 32°C). Always store product away from flame, spark, or temperatures above 240°F (116°C)

CUSTOMER SERVICE and SALES

TOLL FREE: 1.888.699.1645

Phone: 1.814.269.9674

Fax: 1.814.269.4683

Email: customerservice@tvmi.com

www.tvmi.com





# TECHNICAL DATA SHEET

www.tvmi.com

## Mega Fill Pro RF 2-Component Spray Foam

Health and Safety Recommendations: In case of emergency, contact INFOTRAC at 1.800.535.5053

- TVM always recommends using a NIOSH certified respirator when applying DS series foams
- In low ventilation situations TVM recommends using a Fresh Air Supplied Respirator
- Recommended PPE includes a fit tested respirator, goggles, and chemical resistant clothing and gloves
- Applicator MUST review Safety Training available at www.TVMI.com or by requesting a copy from TVM Building Products.

Please consult product label and MSDS for additional safety information

### Physical Properties:

Application Ratio (by weight) - Component A : B	1.15-1.25 : 1.00 (acceptable range)
Curing System	Chemically
Application Temperature Range	75° F – 95° F (24°C – 35°C)
Cream Time	10 seconds
Rise Time (tack free on rise)	50 seconds
Fully Cured Dry Time	45 minutes
Theoretical Yield *Based on theoretical calculations for comparative purposes only. Actual yield will vary based on ambient conditions and specific application.	RF17 = 1,885 board feet RF60 = 7,540 board feet RF120 = 14,160 board feet
Density - Free Rise Density – In Place	1.75 lb/ft <sup>3</sup> 2.0 lb/ft <sup>3</sup>
Cellular Structure (ASTM D2856)	>90% closed cells
Dimensional Stability (ASTM D2126) 158°F (70°C) / 97% RH	24 Hours - Length +3.4% / Width +2.95% / Thickness +2.05% 7 Days – Length +0.02% / Width -1.04% / Thickness +1.10%
R Value (Initial / ASTM C518))	5.72 / inch
R Value (Aged / ASTM C518)	5.33 / inch
Perm Rating (ASTM E96)	TBD
Water Absorption (ASTM D2127)	TBD
Flame Spread (ASTM E84)	15
Smoke Developed	400
Compressive Strength (ASTM D 1621-04)	32.5 psi
Shear Strength	TBD
Tensile Strength (ASTM D 1623-03)	29.01 psi
Flexural Strength	TBD
Specific Gravity @ 75°F (24°C)	Component "A" / 1.23    Component "B" / 1.10
Viscosity cps @ 75°F (24°C)	Component "A" / 140-160    Component "B" / 260-300
VOC	0.0 %    0.0 g/L

### Shipping Information:

Kit	Cylinder Size	Net Cylinder Weight	Gross Cylinder Weight	# Cylinders / # Cylinder sets per Truck Load
RF17 A	17 gal	150 lb	207 lb	216 / 108
RF17 B	17 gal	125 lb	182 lb	216 / 108
RF60 A	60 gal	600 lb	805 lb	56 / 28
RF60 B	60 gal	500 lb	705 lb	56 / 28
RF120 A	120 gal	1,125 lb	1,464 lb	32 / 16
RF120 B	120 gal	940 lb	1,279 lb	32 / 16



Head Office:  
169 Jan Dr.  
Johnstown, PA 15904  
Toll Free: (888) 699-3645

Warehouses:  
Johnstown, PA  
Kansas City, KS  
Ontario, CA

Customer Service:  
(814) 269-9574  
Fax: (814) 269-4883  
customerservice@tvmi.com



www.tvmi.com