



RF100

Reinforcing Fabric for Use with Roof Coating and Air and Water Resistive Barrier Systems

Product Description

GE RF100 Reinforcing Fabric is a 100% polyester spun-laced textile for roofing and air and water resistive barrier applications. It is a high-tensile, high-tear strength, dimensionally stable fabric with excellent elongation for long-term performance. It is easy to apply with exceptional conformability, immediate wet-out and easy positioning / repositioning in coatings or sealants.

Key Features and Typical Benefits

- **Applicator Friendly**—Easy to work with and install. Can easily be positioned / repositioned in coating without damage occurring to itself or the substrate.
- **Conformability**—Easily conforms to regular and irregular transitions, including, but not limited to: rough openings, penetrations, curbs, inside / outside corners, flashing, and more.
- **Seamless Wet Out**—Provides a monolithic and continuous reinforced surface, which allows coating to easily flow through and saturate.
- **High Strength Reinforcement**—Provides additional tensile and tear strength to help meet project needs.

Potential Applications

- **AWB**—Spans static gaps up to 1/2" (13mm). Can treat: rough openings, penetrations, inside / outside corners, flashing, transitions, changes in plane, and more.
- **Roofing**—Can reinforce seams and curbs on roofing surfaces, including: metal, single-ply and modified bitumen seams as well as skylights, vents, scuppers, HVAC, and more.

Note: RF100 is not suitable for bridging dynamic gaps and expansion joints. Consider GE UST2200 UltraSpan* silicone sheeting for these purposes.

Packaging

- **Roll Length**—RF100 is available in 100 foot (30.5 m) rolls: and standard widths are: 4" (102 mm), 6" (152 mm), and 12" (305 mm). Additional widths may be available upon request.

Color

- **Color**—White.

Typical Physical Properties

Typical property values of RF100 as supplied and cured are set forth in the table below.

Typical Properties

Property	Value	Test Method
Weight	1.1 lbs (.5kg)	ASTM D3776
Oz./Sq./Yard (Grams/Sq. Meter)	1.6 oz (54.2g)	ASTM D3776
Bulk	22 mils	
Dry Tensile- MD	25 lbs (11.3kg)	ASTM D1777
Dry Tensile- CD	18 lbs (8.2kg)	ASTM D1777
Elongation- MD	45%	ASTM D1682
Elongation- CD	100%	ASTM D1682
Mullen Burst	35 psi	ASTM D3786

Typical properties are average data and are not to be used as or to develop specifications.

Installation

Refer to current roof coating and air and water resistive barrier coating specifications, installation guidelines and details for application instructions.

Technical Services

Additional technical information and literature may be available from MPM. Laboratory facilities and application engineering are available upon request from MPM.

Limitations

Customers must evaluate Momentive Performance Materials (MPM) products and make their own determination as to fitness of use in their particular applications.

Patent Status

Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers considering the use of this product should review the latest Material Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available at www.ge.com/silicones or, upon request, from any MPM representative. Use of other materials in conjunction with MPM sealants products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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