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.

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

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.

*UltraSpan is a trademark of Momentive Performance Materials Inc.*
**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](http://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.

**Customer Service Centers**

| Americas       | +1 800 295 2392  
|               | +1 704 805 6946  
|               | Email: 4information@momentive.com |
| Europe, Middle East, Africa, and India | +00 800 4321 1000  
|               | +40 212 044229  
|               | Email: 4information.eu@momentive.com |
| Asia Pacific   | Japan  
|               | 0120 975 400  
|               | +81 276 20 6182 |
|               | China  
|               | +800 820 0202  
|               | +86 21 3860 4892 |
|               | All APAC  
|               | +60 3 9206 1543  
|               | Email: 4information.ap@momentive.com |

Visit us at [www.ge.com/silicones](http://www.ge.com/silicones)