

# TECHNICAL INFORMATION SHEET

## RubberGard™ LSFR PT

**Item Description**

1 Roll

**Item Number**

Various

### Product Information

**Description:**

RubberGard LSFR PT is non-reinforced Low Slope Fire Retardant EPDM membrane panel with 3" (76 mm) or 6" (152 mm) wide QuickSeam™ tape factory laminated continuously along one 100' (30.48 m) length of the panel. The pre-applied tape assists and accelerates field installation of RubberGard membrane in fully adhered, ballasted, and mechanically anchored systems.

**Preparation of Substrate:**

1. Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials that may damage the membrane.
2. All roughened surfaces that can damage the membrane shall be repaired as specified to offer a smooth substrate.
3. All surface voids greater than ¼" (6.3 mm) wide shall be properly filled with an acceptable fill material.

### Product Packaging

<u>Product Thickness</u>	<u>Width</u>	<u>Length</u>
.045 mil (3" tape, one-fold)	10' (3.05 m) 20' (6.1 m)	100' (30.5 m) 100' (30.5 m)
.060 mil (3" tape, no fold)	10' (3.05 m) 16' 8" (5.1 m)	100' (30.5 m) 100' (30.5 m)
.060 mil (3" tape, one-fold)	10' (3.05 m) 12' 6" (3.8 m) 20' (6.1 m) 25' (7.6 m) 30' (9.1 m)	100' (30.5 m) 100' (30.5 m) 100' (30.5 m) 100' (30.5 m) 100' (30.5 m)
.060 mil (6" tape, one-fold)	10' (3.05 m) 16' 8" (5.1 m) 20' (6.1 m) 25' (7.6 m) 30' (9.1 m)	100' (30.5 m) 100' (30.5 m) 100' (30.5 m) 100' (30.5 m) 100' (30.5 m)

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### Pre-Taped Seam Assembly:

1. RubberGard LSFR PT membrane must be installed in accordance with current RubberGard specifications, details and workmanship requirements.
2. After the membrane has been mechanically attached or adhered to specification, fold back the top portion of the field seam exposing the bottom surface of the field seam. Prime the field seam area to receive tape with an acceptable Firestone primer utilizing QuickScrubber™ or QuickScrubber Plus pad and handle, using a minimum of four back and forth motions with heavy pressure. Extra scrubbing is required at factory seams (including parallel scrubbing at factory seams) and areas of heavy dusting agent build up.
3. Allow primer to flash off (usually less than 10 minutes). Use the touch-push test to determine primer readiness.
4. When primer is ready to receive tape, position the top portion of the field seam (with pre-applied tape and release liner in place) over the primed area. Remove the release liner from the pre-applied tape, pulling the liner at a 45° angle at about the same level as the seam so all seam elements mate evenly. Roll the freshly mated field seam using QuickRoller™ or 1½" wide silicone hand roller to promote and ensure proper adhesion.
5. Install T-Joint patches at all seam intersections and complete seam edge treatment where required per current specifications.

### Storage:

- Store away from sources of punctures and physical damage.
- Store away from ignition sources as membrane will burn when exposed to open flame.
- RubberGard LS-FR PT membrane should be installed within one year after production. If the tape release liner can be removed, even after one year, the membrane can still be installed. Store in original unopened packaging indoors at 60 °F to 80 °F (15.6 °C to 26.7 °C). Protect the membrane and tape from physical damage.

### Precautions:

- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
- Assure that structural decking will support the loads incurred by material when stored on rooftop. The deck load limitations should be specified by the project designer.
- Refer to Safety Data Sheets (SDS) for safety information.

### LEED® Information:

Post Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Prescott, AR

\*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

CCMC 13266-L



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### Typical Properties

Property	ASTM Standard	Units	Performance Minimum	Typ. Values 45-mil	Typ. Values 60-mil
Thickness, min. Sheet Overall	D 412	in/mm	0.0405(1.016) 0.054 (1.372)	0.045(1.092)	0.059(1.499)
Tensile Strength, min.:	D 412 (Die C)	psi (MPa)	1305 (9.0)	1435 (9.9)	1454 (10.0)
Elongation, Ultimate, min.:	D 412 (Die C)	%	300	450	622
Tensile Set, max.:	D 412 Method A (Die C)	%	10	5	2.18
Tear Resistance, min.:	D 624 (Die C)	lbf/in (kN/m)	159 (26.3)	190 (33.2)	219 (38.4)
Brittleness point, max.:	D 2137	°F (°C)	-49 (45)	-62 (-52)	-49 (-45)
Ozone resistance, no cracks:	D 1149	---	---	Pass	Pass
Heat Aging:	D 573				
Tensile Strength, min	D 412 (Die C)	psi (MPa)	1205(8.3)	1425 (9.8)	1490 (10.3)
Elongation, ultimate, min	D 412	%	200	240	322
Tear resistance, min	D 624 (Die C)	lbf/in (kN/m)	125 (21.9)	180 (31.5)	179 (31.3)
Linear dim change, max.	D 1204	%	±1.0	-.05	-.32
Water absorption, max, mass	D 471	%	+8, -2	+1.8	+1.51
Factory Seam Strength, min.:	D 816 Method B(modified)	lbf/in (kN/m)	50 (8.8) or Sheet Failure	Sheet Failure	Sheet Failure
Weather Resistance:					
Visual inspection	D518	-	Pass	Pass	Pass
PRFSE, min	D 518	%	30	52	53
Elongation, ultimate, min	D 412 (Die C)	%	200	240	255

RubberGard LS-FR membrane meets or exceeds the minimum requirements set forth by ASTM D 4637 for Type I non-reinforced EPDM single-ply roofing membranes.

### Typical Data

Property	Value
QuickSeam Tape:	
Base	Rubber Polymers
Color	Black
Solvents	None
Percent Solids	100%
Cure State	Cured
Thickness	0.035"± 0.008" (0.89 mm ± 0.20 mm)
Width	3" - 0"/+0.125" (76 mm -0/+1.6 mm) 6" - 0"/+0.125" (152 mm -0/+3.2 mm)



Please contact Firestone Technical Services Department at 1-800-428-4511 for further information.

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*