



RPI RE-FLEX SYSTEMS

- EPDM MEMBRANE
- TPO MEMBRANE
- COATINGS

RE-FLEX

SEAM TAPE



RPI ROYAL EDGE SYSTEMS

- EPDM MEMBRANE

FD=F9!: @L SEAM TAPE DATA SHEET

Technical Data		
Base Polymer	EPDM	FTIR
Color	White	Visual
Permeability	0.6 Perm-Mills	ASTM D 96
Hardness	110 dmm	ASTM D 217
Ash Content	16%	ASTM D 297
Elongation	800%	ASTM D 412
Peel Strength*	5pli @70° F	ASTM D 413
Shear Strength*	20 psi @ 70° F	ASTM D 816
Brittleness Temperature	-50° F	ASTM D 746
Solids Content	98%	ASTM D 681
Tensile Strength	40 psi	ASTM D 412
Specific Gravity	0.97	ASTM D 71
Application Properties		
Service Temperature	-40° F to 250° F	ASTM D 3359
Application Temperature	40° F to 120° F	Recommended
Storage	68° F to 120° F	ASTM D 1337
Shelf Life	One year	ASTM D 1337

*Primed with Re-Flex Primer/Activator. The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

DESCRIPTION:

RPI Re-Flex Seam Tape is an extruded white rubber adhesive tape designed to provide high strength, water tight seams in single ply membrane systems. Designed to splice RPI Re-Flex TPO and Re-Flex EPDM membrane panels and flashings, Re-Flex Seam Tape has high initial strength in both peel and sheer and adheres well to properly prepared metal flashings.

PHYSICAL CHARACTERISTICS:

Re-Flex Seam Tape is unaffected by heat and cold and provides excellent green and cured peel and sheer strength. Seam Tape also is highly resistant to moisture.

APPLICATION INSTRUCTIONS:

NOTE: Re-Flex Seam Tape can be applied to the bottom field membrane, or the top field membrane before the Bonding Adhesive is applied. Refer to the RPI Fully Adhered EPDM/TPO Application Handbook or RPI Specification Manual for detailed application options.

1. Position the field membrane to overlap the required distance for the entire length of the seam area. The membrane overlap should equal the Seam Tape width. Using a membrane crayon or chalk line, make a mark on the bottom membrane or top overlapping membrane 3 inches from the membrane edge. If a chalk line is used, pre-snap the chalk line to remove excess chalk. Do not allow the chalk to contaminate the seam area.



2. Fold the top ply back to allow for applying Seam Tape Primer to both surfaces (top and bottom ply) that are to be spliced. Remove any loose dust and debris. Using an RPI Scrub Pad, apply the Seam Tape Primer to the top and bottom membrane surface using back and forth strokes with the Scrub Pad. Do not apply in a circular motion. Apply the Seam Tape Primer until the surface color has a flat grey appearance. When applying the Seam Tape on the bottom ply, the primer must be applied evenly across the splice area out to the crayon or chalk line mark.
3. After the primer has dried, apply the Seam Tape to the bottom, or top ply, aligning the release paper with the crayon/chalk line marks. Set the membrane in place by rolling the release paper with a hand roller.
4. Once the Seam Tape is rolled and properly mated to the bottom, or top ply, and the Bonding Adhesive has "flashed off", roll the top ply of membrane into place over the bottom ply.
5. Lifting the release paper from the Seam Tape, begin peeling the release paper from the Seam Tape at a 90 degree angle from the seam edge. As the paper is removed, mate the top ply to the Seam Tape by bringing your hand over the top ply, applying pressure from the back of the seam to the front edge.

- Using a silicone or steel hand roller, roll the entire seam, first rolling across the seam, then the length length of the seam. Roll the Seam Tape that Seam Tape that extends beyond the Seam Edge.
- When applying Seam Tape to a field cut edge, clean the seam edge with Membrane Cleaner and apply Re-Flex Lap Caulk. Apply caulk according to RPI Specifications.

NOTE: Seam Tape Primer should only be applied using RPI Scrub Pads. Scrub Pads are packaged 24 per carton

PACKAGING:

3" by 100 ft. rolls, 6 rolls per carton

PRODUCT CODE:

TST3100

PRECAUTION DATA:

Refer the RPI Specifications and MSDS data prior to application of Seam Tape.

SHELF LIFE:

- When stored in original unopened containers at temperatures between 60° F (15.6°C) and 80°F (26.7 C), a shelf life of 12 months can be expected.
- The expected shelf life can be shortened if product is stored in temperatures exceeding recommended storage levels.

RECOMMENDED STORAGE:

- Store in original unopened containers at temperatures between 60° F and 80° F.
- Do not store on rooftop in direct sunlight. Keep product temperature below 80° F.
- When stored in cooler temperatures, allow material to warm to room temperature before using.
- Rotate stock. Do not use product past 12 month shelf life.

Information stated on this Roofing Products International, Inc. Data Sheet is intended to provide basic guidance as to storage, application, coverage, shipping, and other product data. Information is subject to change without notice. For more information regarding this product, refer to RPI MSDS, and the RPI Specification Manual. As neither Roofing Products International, Inc. nor its representatives practice structural engineering or architecture, RPI disclaims any responsibility and offers no opinion as to the structural soundness of any structure on which its products may be applied. The building owner should obtain the services of a competent structural engineer before proceeding. RPI accepts no responsibility for any structural failure or resultant damages. No Roofing Products International, Inc. representative is authorized to vary this disclaimer.



57460 Dewitt St. Elkhart, IN 46517
Sales/Technical 1-800-628-2957 Fax: 574-294-3450
www.rpiroyledge.com