

Seam Tape (ST-3&6)

Seam Tape is an extruded, vulcanized, black pressure sensitive rubber adhesive tape designed to provide high strength, watertight seams for single ply EPDM roofing membranes. It is soft and tacky providing a quick grab onto EPDM field membranes, yet possesses high initial strength. Tape also exhibits excellent adhesion to polar and nonpolar substrates such as glass, metals, wood, concrete, masonry and some plastics. This is designed to use for field splicing of the EPDM membranes.



Preparation

All work surfaces should be clean, dry, and free of dirt, dust, debris, oils, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. If necessary, clean the surface to receive the approved EPDM splice cleaner.

Application

The entire surface where Seam Tape will be applied must be cleaned and primed.

Mark the membrane where the edge of the splice occurs and then fold the top portion back. Apply EPDM primer to both sides of membrane using the supplied scrub pad. Scrub the membrane thoroughly while the primer is wet moving up and down the seam area. NOTE: Use caution when installing at temperatures below 41°F (5°C) to prevent blushing of EPDM primer (formation of condensation on surface of primer).

Allow the primer to dry to the touch (no material transfer, typically less than 20 minutes). Dry time will vary depending on ambient temperature and humidity.

Position the Seam Tape over the primed splice area along the marked edge. Press in by hand. Verify that approximately 1/8" (0.3cm) of tape extends beyond splice edge.

Roll the top surface of the release liner to promote adhesion to the bottom substrate.

Allow the EPDM membrane to fall freely onto the Seam Tape. Remove release liner at a 45° angle.

Immediately roll the splice with a 2" (5.08cm) wide silicone roller. Roll to splice edge.

Technical Specifications

Properties	Typical Values	Test Method
Base Polymer	EPDM	FTIR
Color & Finish	Black	Visual
Peel Strength on EPDM	5 pli @ 70°F	ASTM D 413
Shear Strength on EPDM	10 psi @ 70°F	ASTM D 816
Brittleness Temperature	-50°F	ASTM D 746
Tensile Strength	30 psi min.	ASTM D 412
Elongation	>1000%	ASTM D 412
Service Temperature	-40°F to 200°F	ASTM D 3359
Application Temp	40°F to 120°F	ASTM D 603

Packaging and Coverage

Width	Length	Rolls/Case
3" & 6" (152.4mm)	100ft(30.48Mtr)	4

Storage and Shelf Life

Store material in original unopened packaging at temperatures between 40°F-110°F (4°C - 43°C). Shelf life is 24 months when stored as recommended.