



TECHNICAL DATA SHEET

RV SHIELD™ EMERGENCY REPAIR TAPE

One Step Repair Tape

PRODUCT DESCRIPTION

RV Shield™ Emergency Repair Tape is a one-step permanent repair system for virtually all roof types and roof accessories. RV Shield Emergency Repair Tape features a UV stable backing and creates a waterproof, moisture and air tight barrier with no additional sealing required. RV Shield Emergency Repair Tape remains flexible to temperatures as low as -57°C (-70°F) making it virtually impossible to thermally shock the seam causing a leak. RV Shield Emergency Repair Tape bonds to a wide range of surfaces including roof materials such as EPDM, TPO, Hypalon, aluminum, galvanized steel, wood, and fiberglass.

BASIC USES

RV Shield Emergency Repair Tape is used to seal roof joints (seams) and tears, skylights, etc. Perfect for repairing and restoring roofs on mobile homes and RVs. RV Shield Emergency Repair Tape seals to itself so it can be cut and folded around an object.

COMPOSITION

RV Shield Emergency Repair Tape utilizes a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber with a built-in primer. It is bonded to a UV stable backing. The adhesive coating is protected by a release liner, to be removed prior to application.

SURFACE PREPARATION

Moisture, dust, dirt or other foreign matter should be removed. Clean oil, grease, and other contaminants with RV Shield OneSeal Cleaner or other non-residue cleaner. Remove salt and other contaminants.

APPLICATION

Surfaces must be clean and dry before applying the tape. Install RV Shield Emergency Repair Tape over the repair area, removing the release liner gradually to prevent contamination of the adhesive prior to application. Rub or roll with pressure using your hand or steel roller to activate bonding process.

LIMITATIONS

RV Shield Emergency Repair tape is not compatible with silicone sealants or lubricants. Avoid using silicone based products near RV Shield Emergency Repair tape.

APPLICATION PROPERTIES

Application Temperature* : 4°C to 65°C ambient (40°F to 150°F)

Service Temperature : -40°C to 100°C (-40°F to 212°F)

*For best results, it is recommended to use a primer adhesive for temperature below 40°F. Keep tape at room temperature before applying.

STORAGE AND SHELF LIFE

Store material in original container at temperatures between 4°C and 38°C (40°F to 100°F). Shelf life is 5 years when stored as recommended.

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Results
180° Peel	ASTM D413 @ 23°C (73°F)	5 pli
Pliability		No cracks in membrane
Elongation	ASTM D882	700%
Low Temperature Flexibility	ASTM C765	Passes 1/2" radius at -34°C (-30°F)

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