

PRODUCT DATA BULLETIN II

METAL GUARD SEAM TAPE

DESCRIPTION AND PURPOSE:

SWEPCO Metal Guard Seam Tape is a heavy duty self-adhesive, polyester reinforced, polymer enhanced asphalt sealing tape designed for dependable sealing of metal roof seams, joints and fasteners. It dramatically reduces labor required to seal seams, joints and fasteners. It comes in cases of nine rolls; each roll is 4 inches (10.16 cm) wide by 66.6 feet (20.30 m) long. One case contains enough material to seal 600 feet (182 meters) of seams or 7200 fasteners.

OUTSTANDING FEATURES:

DRAMATICALLY REDUCES APPLICATION LABOR & MAINTENANCE COSTS

No messy or time consuming sealing jobs with SWEPCO Metal Guard Seam Tape. Just peel off the easily removed backing and stick to cleaned, dry, primed seams, joints and fasteners. Conforms to difficult panel configurations, cuts easily and stays put. Nothing could be quicker or easier. And coating can be performed almost immediately. No need to wait for days or weeks for other types of patching materials to cure before coating.

SUPERIOR BONDABILITY & SERVICE LIFE

Quality ingredients, especially selected for optimum metal roof performance, insure excellent bondability, even in colder weather.

And use of only the highest quality waterproofing asphalt, modifiers and other special ingredients insures excellent elongation, cold flex, as well as prolonged resistance to oxidation, age hardening and harsh industrial environments. The result is dependable, long term bonding and sealing action and wide service temperature range.

TOUGH POLYESTER REINFORCEMENT IMPROVES TENSILE STRENGTH & CRACK BRIDGING ABILITY

The addition of strong spun bonded polyester reinforcement significantly improves strength and adds crack bridging ability not achievable with conventional roofing cements.

ATTRACTIVE, PROFESSIONAL REPAIRS

Switch to SWEPCO Metal Guard Seam Tape and get attractive, professional seam, joint and fastener sealing in much less time.



GENERAL DATA: TYPICAL PHYSICAL PROPERTIES

Roll Width, in. (cm)	4 (10.16)
Roll Length, ft. (m)	66.6 (20.30)
Thickness, nominal, mils (mm)	40 (1.02)
Elongation, typical	60%
Tensile Strength (Reinforced), psi	256
Cold Flex:	Excellent
Chemical Resistance	Excellent
Adhesion to Primed Metal	Excellent
Unit Weight, lbs/100 sq. ft. (kg/m ²)	28.0(1.36)

APPLICATION INFORMATION:

IMPORTANT: SWEPCO Metal Guard Seam Tape is a heavy duty self-adhesive, polyester reinforced, polymer enhanced asphalt sealing tape designed for durable seam and fastener sealing on metal roofs.

PREPARATION: Overlapping panels must be fastened securely to provide a maximum 1/16-inch (160 mm) gap. Install additional fasteners as necessary to secure loose fitting seams. Fasteners must be tightened. If stripped, replace with next size larger fastener. Replace any missing fasteners. The area to be sealed must be clean, dry and free of loose materials or other contaminants which might inhibit proper bonding. Vigorous sweeping, wire brushing, power washing or cleaning with special cleaners may be required to insure a suitably clean surface. If washed, allow to dry thoroughly. In colder temperatures, keep Metal Guard Seam Tape in a warm location until use.

SEAM & JOINT SEALING: Seams running perpendicular to roof slope should be sealed before those running parallel to slope. Seal as follows:

--Lightly prime a 4-inch (10.16 cm) wide strip centered along the overlap or joint with Guardian General Purpose Primer. Allow primer to dry until clear. The primer will retain some degree of tack even when dry.

-- Install Metal Guard Seam Tape centered over the primed overlap or joint with fabric side up by peeling off the paper backing to reveal the self adhesive underside. After the tape is initially placed, rub firmly to remove air pockets and fit tightly to the roof contour. A hard rubber roller is excellent for flat surfaces. Hand rubbing is the best technique for irregular profiles. End laps should be minimum 2-inches (5.08 cm) and should be shingled downhill.

FASTENER SEALING: Prime a 2-inch (5.08 cm) square area centered on fastener with Guardian General Purpose Primer. When dry, install a 2-inch (5.08 cm)

square of Metal Guard Seam Tape centered over the fastener. A fast placement technique is to work with a continuous roll of seam tape which has been precut into two 2-inch (5.08 cm) wide rolls. Peel back the paper backing, press the end of the roll over the fastener and cut off a 2-inch (5.08 cm) piece with a utility knife. This method avoids the necessity of peeling the paper backing off of numerous separate small pieces of Seam Tape and greatly speeds application. After placement, rub firmly to remove air pockets and fit tightly to the roof and fastener contour.

PRIMING/COATING: After installation, Metal Guard Seam Tape should be primed with Guardian General Purpose Primer and coated with Aluminum Roof Coating or White Acrylic Coating.

APPLICATION PRECAUTIONS: The presence of moisture on the roof or tape will prevent proper bonding. Do not install at temperatures below 40°F (5°C) or if surface of tape or roof is cool enough to cause dew to form. This typically happens when cooler overnight temperatures are combined with high humidity, but may occur under other conditions.

STORAGE: Store in a dry location at 40°F (5°C) to 90°F (30°C).

REMOVAL: SWEPCO Metal Guard Seam Tape is extremely difficult to remove once installed but removal may succeed with cautious use of petroleum solvents and scrapers.

ADDITIONAL INFORMATION: For additional information or recommendations, write: Southwestern Petroleum Corporation, P.O. Box 961005, Fort Worth, Texas 76161-0005; Southwestern Petroleum Canada Ltd., 87 West Drive, Brampton, Ontario, Canada L6T 2J6; or Southwestern Petroleum Europe, Industrierweg 6, B-2390 Oostmalle, Belgium.

