

PRODUCT DATA SHEET

MULTI-PURPOSE TAPE

Multi-Purpose Tape is a high performance sealant tape with superior surface tack that remains elastic and is designed to bond to Sarnafil and Sikaplan membranes and a variety of metals.

PRODUCT INFORMATION

USES

To seal the metal roof edge of buildings reducing air infiltration into the roof assembly, below edge tite metal, behind membrane flashing at termination details and to seal the overlaps of Vapor Retarder PE10.

AREAS OF APPLICATION

- Galvalume®, Kynar 500®, aluminized steel
- Zinalume®, galvanized metal, aluminum
- Siliconized polyester and polyvinyl flouride painted metals
- Glass, wood, concrete, fiber-reinforced plastics and similar substrates

FEATURES / BENEFITS

- High tensile strength and extensibility
- Useable in hot and cold climates
- Tenacious adhesion to substrates at temperatures as low as -5°F (-21°C)
- Odor free, formulated without asbestos fillers and contains a special additive which inhibits a broad spectrum of microbial activity
- Non-Corrosive
- Will not stain painted or unpainted surfaces
- Will not craze plastics

PRODUCT DATA

FORM

COMPOSITION

Multi-Purpose Tape is a white, high rubber content copolymer tape which contains isobutylene-isoprene.

DIMENSIONS

Width: 0.75 in (19 mm)

Length: 50 ft (15.2 m)

Thickness: 0.125 in (3 mm)

PACKAGING

14 rolls per case, 1 lb (0.5 kg) per roll

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES		
Property	ASTM Test Method	Results
Specific Gravity	D 792	1.35-1.47
Percent Solids	C 771	100%
Penetration	D 217	90-100 (9.0-10.0 mm) (300 gram cone @ 77°F)
Vehicle Bleedout	C 772	No exudation of vehicle on Whatman No. 40 filter paper after exposure to 158°F (70°C) for 21 days.
Flexibility	C 765	No cracking or loss of adhesion at -60°F (-51°C)
Elongation	C 908	1150 % min.
Adhesive Tensile Strength	C 907	20 psi min. (Cohesive failure)
90 degree Peel Adhesion	D 3330	16 lbs/in. min. Cohesive failure (Method A 90 degree peel @ 77°F, 24 hrs. dwell backed with masking tape Galvalume®, Kynar 500®, galvanized, siliconized polyester)
Weatherability	G 53	No cracking, bleeding or loss of rubbery characteristics
Service Temperature Range	--	-60°F to 212°F (-51°C to 100°C)
Application Temperature Range	--	-5°F to 120°F (-20°C to 49°C)
Adhesion to cold Galvalume®	--	Excellent (8 lbs/in. AF @ 0°F 1 hour, 14 lbs/in. CF @ 77°F 1 hour)
Water Resistance	--	@120°F (49°C) sealant will maintain adhesion to metal surface indefinitely submerged in water.
Dimensional Stability	--	Sealant will no lose its shape in relation to bead size or diameter in transit or storage
Hardness	--	Sealant hardness will not increase more than 30% max after aging in QUV test apparatus
Chemicals	--	Excellent to water, ozonated water, water vapor, alcohols. Fair to weak for acids and bases. Poor to organic solvents



SYSTEM INFORMATION

INSTALLATION	Multi-Purpose Tape is installed by Sika Authorized Applicators to a clean surface. The surface preparation may include but is not limited to scraping and wiping free any excessive contaminants on both surfaces the Multi-Purpose Tape is to be in contact with. Once the surface has been prepared, apply the Multi-Purpose Tape to the substrate.
AVAILABILITY	From Sika Corporation – Roofing Authorized Applications for use within Sarnafil or Sikaplan systems.
MAINTENANCE	Standard maintenance of Sarnafil or Sikaplan systems should include regular inspection of flashings, drains, and termination sealants at least twice a year and after each storm.
WARRANTY	As a Sika supplied product, Multi-Purpose Tape is covered under Sika Corporation warranties.

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