

PRODUCT DATA SHEET

Multi-Purpose Tape ST

Multi-purpose tape ST is a high performance sealant tape.

PRODUCT DESCRIPTION

Multi-Purpose Tape ST 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.

USES

To seal the metal roof edge of buildings reducing air infiltration into the roof assembly, below edge metal, behind membrane flashing at termination details and to seal the overlaps of Vapor Retarder PE 10.

Areas of Application

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

CHARACTERISTICS / ADVANTAGES

- 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 INFORMATION

Chemical Base	Multi-Purpose Tape is a white, high rubber content copolymer tape which contains isobutylene-isoprene.
Packaging	14 rolls per case, 1 lb (0.5 kg) per roll
Appearance / Color	White
Shelf Life	N/A
Storage Conditions	N/A
Length	50 ft (15.2 m)
Width	0.75" (19 mm)
Thickness	0.125" (3 mm)

TECHNICAL INFORMATION

Elongation	1150 %	(ASTM C-908)
Dimensional Stability	Sealant will no lose its shape in relation to bead size or diameter in transit or storage	
Water Tightness	@ 120°F (49°C) sealant will maintain adhesion to metal surface indefinitely submerged in water	
Service Temperature	-60°F to 212°F (-51°C to 100°C)	

SYSTEM INFORMATION

System Structure	Property	Results	Test Method
	Specific Gravity	1.35 - 1.47	(ASTM D-792)
	Percent Solids	100 %	(ASTM C-771)
	Penetration	90 - 100 (9.0 - 10.0 mm) (300 gram cone @ 77°F)	(ASTM D-217)
	Flexibility	No cracking or loss of adhesion at -60°F (-51°C)	(ASTM C-765)
	Adhesive tensile strength	20 psi (0.14 MPa) cohesive failure	(ASTM C-907)
	90° peel adhesion	16 lbs/in min. Cohesive failure (Method A 90° peel @ 77°F (25°C), 24 hrs. dwell backed with masking tape Galvalume®, Kynar 500®, galvanized, siliconized polyester)	(ASTM D-3330)
	Weatherability	No cracking, bleeding or loss of rubbery characteristics	(ASTM G-53)

Compatibility

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

APPLICATION INFORMATION

Substrate Temperature

-5°F to 120°F (-20°C to 49°C)

APPLICATION INSTRUCTIONS

APPLICATION

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.

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.

AVAILABILITY/WARRANTY

Availability

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

Warranty

Upon successful completion of the installed roof by the Sika Authorized Applicator, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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Product Data Sheet

Multi-Purpose Tape ST
January 2020, Version 02.01
02094505120000014

Multi-PurposeTapeST-en-US-(01-2020)-2-1.pdf

