

GENERAL SEALANTS, INC.

GS# Solar Tape

Technical Data Sheet

PRODUCT DESCRIPTION

GS# Solar Tape is a custom butyl tape specifically designed to be used during solar panel installation. This pressure sensitive sealant has excellent sound and vibration absorption, is resistant to mildew, will withstand extreme temperature fluctuations, and is extremely water resistant. GS# Solar Tape typically is used at each roof attachment point to prevent water and moisture from entering through penetrated roofing paper where lag and fasteners get attached to the roofing frame.

PRODUCT ADVANTAGES

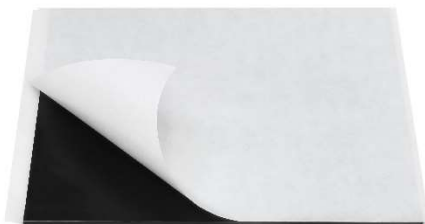
- Excellent weatherability
- Non-Hazardous
- Fast and easy to apply by hand
- Compatible with water/acrylic-based paints
- Allows for expansion and contraction
- Great UV resistance
- Service temperature of -40°F to 200°F (-40°C to 93°C)

APPLICATION

Surface should be free of moisture, oil and dust for maximum bond. Apply the sealant by hand to the application surface and press the sealant into place with the release liner still adhered to the sealant on one side to prevent contamination. Remove release liner when ready to apply the sealant to remaining application site. Ideal application temperature is 45°F (7°C) or above.

Product is not considered hazardous to skin however wash hands before eating. DO NOT TAKE INTERNALLY.

TYPICAL PHYSICAL PROPERTIES



Chemical Base	Butyl Rubber
Color	Black or Gray
Specific Gravity (ASTM D792)	1.68
Total Solids	100%
Penetration (ASTM D217) cone at 72°F / 150 grams	45-65 (4.5 to 6.5 mm)
Rolling Ball Tack (ASTM D3121)	20 cm max (11/16" Ball)
Flexibility (ASTM C765)	No cracking or loss of adhesion at -10°F (-23°C) when bent around 3/8" mandrel (9.5mm)
Staining (ASTM D925)	Will not stain painted or unpainted surfaces
Odor (ASTM D1833)	None
Vehicle Bleed Out (ASTM C772)	No exudation of vehicle on Whatman No. 40 filter paper
Crazing to Acrylic Plastics	Will not craze plastics
Resistance to Fungus/Mildew Growth	Will resist fungal attack and mildew growth
Tensile Adhesive Strength (ASTM C907)	14 psi (typical failure mode 100% cohesive)

GS# Solar Tape

Technical Data Sheet

TYPICAL PHYSICAL PROPERTIES CONTINUED

Adhesion	Great
Water Resistance	Excellent
Corrosivity	Aluminum: None Galvanized Metal: None
Service Temperature	-40°F to 200°F (-40°C to 93°C)
Shelf Life (Storage at 72°F/ 22°C)	3 Years from DOM

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

PACKAGING

GS# Solar Tape is available in a wide range of extruded sizes supplied in roll form on a release liner.

STORAGE AND HANDLING

Material should be stored at 72°F (22°C) in a dry area in its original sealed case and case must remain right side up.

For more information on GS# Solar Tape, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with a representative from our sales department.

USER'S RESPONSIBILITY

THIS PRODUCT INFORMATION CANNOT COVER ALL POSSIBLE SITUATIONS, WHICH THE USER MAY EXPERIENCE DURING PROCESSING. EACH ASPECT OF YOUR OPERATION SHOULD BE EXAMINED TO DETERMINE IF, OR WHERE, ADDITIONAL PRECAUTIONS MAY BE NECESSARY. ALL HEALTH AND SAFETY INFORMATION CONTAINED IN THIS BULLETIN SHOULD BE PROVIDED TO YOUR EMPLOYEES OR CUSTOMERS. IT IS YOUR RESPONSIBILITY TO USE THIS INFORMATION TO DEVELOP APPROPRIATE WORK PRACTICE GUIDELINES AND EMPLOYEE INSTRUCTIONAL PROGRAMS FOR YOUR OPERATION.

DISCLAIMER OF LIABILITY

AS THE CONDITIONS OR METHODS OF USE ARE BEYOND OUR CONTROL, WE DO NOT ASSUME ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ANY LIABILITY FOR ANY USE OF THIS MATERIAL. INFORMATION CONTAINED HEREIN IS BELIEVED TO BE TRUE AND ACCURATE BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS REMAINS THE RESPONSIBILITY OF THE USER.

CONFIDENTIALITY NOTICE

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION BELONGING TO THE SENDER, WHICH IS LEGALLY PRIVILEGED. THE INFORMATION IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF YOU ARE NOT THE INTENDED RECIPIENT, BE AWARE THAT ANY DISCLOSURE, COPYING, DISTRIBUTION OR USE OF THIS INFORMATION IS PROHIBITED. IF YOU HAVE RECEIVED THIS IN ERROR, PLEASE CONTACT US IMMEDIATELY AND DELETE (DESTROY) THE DOCUMENT.

WARRANTY

PRODUCTS ARE SOLD WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT IF SHOWN TO BE DEFECTIVE IN MATERIALS WITHIN 30 DAYS OF SHIPMENT BY GENERAL SEALANTS, IT WILL BE REPLACED OR AT GENERAL SEALANTS OPTION THE PURCHASE PRICE WILL BE REFUNDED TO THE PURCHASER. GENERAL SEALANTS ASSUMES NO RESPONSIBILITY FOR CONSEQUENTIAL DAMAGE ARISING FROM THE USE OF OUR PRODUCTS. USER MUST CONFIRM THE ADAPTABILITY OF OUR PRODUCTS BY THEIR OWN TEST. NO REPRESENTATIVE OF GENERAL SEALANTS OR ANY OTHER COMPANY HAS AUTHORIZATION TO GRANT ANY ADDITIONAL WARRANTY.