

GENERAL SEALANTS, INC.

GS# 213ELT Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 213ELT Sealant is a high temperature vacuum bag sealant tape formulated from a blend of advanced synthetic rubbers. This premium sealant tape is known worldwide as the workhorse in aerospace composites and bonding industries. It was designed to have lower room temperature surface tack than our GS# 213LT Sealant allowing for even easier reposition of the vacuum bag film if needed after film has contacted the sealant tape. The product still provides great adhesion to a variety of films and tooling surfaces, as well as excellent release/clean up from tooling post-cure, either hot or cool. GS# 213ELT is ideally suited for oven and autoclave cure cycles from room temperature to 360F (182°C).

PRODUCT ADVANTAGES

- Approved on aerospace specifications worldwide
- Effortless tooling clean-up post cure both warm and cold pull
- Reduced tack to facilitate bag repositioning prior to cure
- Designed for high temperature cure cycles
- Great adhesion to most films and tooling surfaces
- Fast and easy to apply by hand
- Non-Hazardous
- Room temp. to 360°F (182°C) cure cycles

APPLICATION

Surface should be clean and dry for maximum bond. Apply the sealant by hand to the tooling surface pressing the sealant firmly into place. When ready to apply the film, remove the release liner from the sealant and apply the film to the sealant. It is recommended to use a roller to run the entire area of the sealant applying firm pressure to achieve the best seal.

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



TYPICAL PHYSICAL PROPERTIES

Chemical Base	Synthetic Rubber
Color	Red
Specific Gravity (ASTM D 792)	1.31
Total Solids	100%
Penetration (ASTM D 217) cone at 72°F / 150 grams	50-60 (5.0 to 6.0 mm)
Rolling Ball Tack (ASTM D 3121)	< 3.0 cm (11/16" Ball)
Elongation (ASTM D 1000)	> 1000%
Weight Loss (ASTM C 771)	< 3.0%
Odor	None
Adhesion	Good
Water Resistance	Excellent
Corrosion Resistance	Excellent
Service Temperature	Room temp. to 360°F (182°C)
Shelf Life (Storage At 72°F/22°C)	12 Months from DOM

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

GS# 213ELT Sealant

Technical Data Sheet

PACKAGING

GS# 213ELT Sealant is available in a wide range of extruded sizes supplied in roll form on a release liner. The standard sizes are 1/8" x 1/2" x 25' (40 Rolls/Case) and 1/8" x 3/4" x 25' (28 Rolls/Case) but other custom sizes are available.

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# 213ELT Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with 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.