

# GENERAL SEALANTS, INC.

## GS# 213T Sealant

### Technical Data Sheet

#### PRODUCT DESCRIPTION

GS# 213T 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 be a tackier version of our standard GS# 213T Sealant tape to provide even stronger adhesion to a variety of films and tooling surfaces especially where colder climates are present. It has excellent release/clean up from tooling post-cure, either hot or cool. GS# 213T is ideally suited for oven and autoclave cure cycles from room temperature to 400°F (204°C).

#### PRODUCT ADVANTAGES

- Approved on aerospace specifications worldwide
- Effortless tooling clean-up post cure both warm and cold pull
- Designed for high temperature cure cycles
- Excellent adhesion to most films and tooling surfaces
- Fast and easy to apply by hand
- Non-Hazardous
- Room temp. to 400°F (204°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

|  |                             |
|--|-----------------------------|
| <b>Chemical Base</b>                                     | Synthetic Rubber            |
| <b>Color</b>   | Off-White                   |
| <b>Specific Gravity (ASTM D 792)</b>                     | 1.14                        |
| <b>Total Solids</b>                                      | 100%                        |
| <b>Penetration (ASTM D 217) cone at 72°F / 150 grams</b> | 63-73 (6.3 to 7.3 mm)       |
| <b>Rolling Ball Tack (ASTM D 3121)</b>                   | < 3.0 cm (11/16" Ball)      |
| <b>Elongation (ASTM D 1000)</b>                          | > 1000%                     |
| <b>Weight Loss (ASTM C 771)</b>                          | < 3.0%                      |
| <b>Odor</b>  | None                        |
| <b>Adhesion</b>  | Excellent                   |
| <b>Water Resistance</b>                                  | Excellent                   |
| <b>Corrosion Resistance</b>                              | Excellent                   |
| <b>Service Temperature</b>                               | Room temp. to 400°F (204°C) |
| <b>Shelf Life (Storage At 72°F/22°C)</b>                 | 12 Months from DOM          |

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

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#### PACKAGING

GS# 213T 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# 213T Sealant, please email [Sales@GeneralSealants.com](mailto:Sales@GeneralSealants.com) or call (800)-762-1144 to speak with our Sales Department.

#### USER'S RESPONSIBILITY

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