

# GENERAL SEALANTS, INC.

## GS# Wind Blade Sealant

### Technical Data Sheet

#### PRODUCT DESCRIPTION

GS# Wind Blade Sealant is an economical vacuum bag sealant tape formulated from a blend of synthetic rubbers primarily developed to be used in wind turbine blade layups. It has excellent adhesion to a variety of films and tooling surfaces, as well as good release/clean up from tooling post-cure.

GS# Wind Blade is ideally suited for oven and autoclave cure cycles from room temperature to 400°F (204°C).

#### PRODUCT ADVANTAGES

- Developed for wind turbine blade layups
- Excellent adhesion to bagging film and tool
- Strips clean from tooling surface
- Aggressive adhesion to a variety of films
- 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>	Bright Yellow
<b>Specific Gravity (ASTM D 792)</b>	1.47
<b>Total Solids</b>	100%
<b>Penetration (ASTM D 217) cone at 72°F / 150 grams</b>	60-70 (6.0 to 7.0 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# Wind Blade Sealant is available in a wide range of extruded sizes supplied in roll form on a release liner. The standard size is 1/8" x 1/2" x 50' (20 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# Wind Blade Sealant, please email [Sales@GeneralSealants.com](mailto:Sales@GeneralSealants.com) or call (800)-762-1144 to speak with our Sales Department.

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