

GENERAL SEALANTS, INC.

GS# 281LT Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 281LT Sealant is a high temperature vacuum bag sealant tape formulated from a blend of advanced synthetic rubbers. This unique formulation was designed to have low room temperature surface tack which allows for repositioning of the vacuum bag film if needed after the film has contacted the sealant tape. The sealant has excellent release/clean up from tooling post-cure, either hot or cool. GS# 281LT Sealant is ideally suited for oven and autoclave cure cycles from room temperature to 400°F (204°C).

PRODUCT ADVANTAGES

- Can be used for multiple debulking cycles
- Low surface tack which enables the user to adjust the vacuum bag film after it has contacted the sealant tape
- Designed for high temperature cure cycles
- 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

Chemical Base	Synthetic Rubber
Color	Dark Gray
Specific Gravity (ASTM D 792)	1.41
Total Solids	100%
Penetration (ASTM D 217) cone at 72°F / 150 grams	45-55 (4.5 to 5.5 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 400°F (204°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.

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PACKAGING

GS# 281LT 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# 281LT Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with our Sales Department.

USER'S RESPONSIBILITY

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