

GENERAL SEALANTS, INC.

GS# Air Dam-1B Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# Air Dam-1B is a vacuum bag sealant tape formulated from a blend of synthetic rubbers used primarily as a resin dam. The product is a tougher version of our standard Air Dam-1 which provides more strength for holding resins in place. It has excellent adhesion to a variety of films and tooling surfaces, as well as great release/clean up from tooling post-cure, either hot or cool. GS# Air Dam-1B is ideally suited for oven and autoclave cure cycles from room temperature to 350F (177°C).

PRODUCT ADVANTAGES

- Acts as a resin dam, resistant to various resins
- Excellent adhesion to bagging film and tool
- Fast and easy to apply by hand
- Non-Hazardous
- Strips clean from tooling surface
- Room temp. to 350°F (177°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	Black
Specific Gravity (ASTM D 792)	1.30
Total Solids	100%
Penetration (ASTM D 217) cone at 72°F / 150 grams	40-50 (4.0 to 5.0 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	Excellent
Water Resistance	Excellent
Corrosion Resistance	Excellent
Service Temperature	Room temp. to 350°F (177°C)
Shelf Life (Storage At 72°F/22°C)	18 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# Air Dam-1B 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 3/16" x 3/8" x 25' (40 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# Air Dam-1B Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with our Sales Department.

USER'S RESPONSIBILITY

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