

# GENERAL SEALANTS, INC.

## GS# VaultSeal

### Technical Data Sheet

#### PRODUCT DESCRIPTION

GS# VaultSeal Sealant is a non-hardening butyl tape that forms an immediate and permanent bond to virtually any clean and dry surface. This high-performance, high rubber content sealant also has relatively light weight when compared to others in its segment. It remains permanently flexible and elastic while exposed to extreme temperature fluctuations, will self-heal when punctured, and is very weather resistant. This material conforms to ASTM C-990-09 and was specifically designed to seal vaults, septic tanks, manholes, and precast box sections.

#### PRODUCT ADVANTAGES

- Conforms to ASTM C990-09
- Allows for expansion and contract of joints
- Excellent weathering characteristics
- Tenacious surface adhesion
- Non-Hazardous
- Fast and easy to apply by hand
- Service temperature of -40°F to 180°F (-40°C to 82°C)

#### APPLICATION

Surface should be free of moisture, oil and dust for maximum bond. Apply the sealant by hand to the application surface and press the sealant into place with the release liner still adhered to the sealant on one side to prevent contamination. Remove release liner when ready to apply the sealant to remaining application site. Ideal application temperature is 45°F (7°C) or above.

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



#### TYPICAL PHYSICAL PROPERTIES

<b>Chemical Base</b>	Butyl Rubber
<b>Color</b>	Black
<b>Specific Gravity (ASTM D 792)</b>	1.10
<b>Total Solids</b>	100%
<b>Penetration (ASTM D 217) cone at 72°F / 150 grams</b>	65-85 (6.5 to 8.5 mm)
<b>Rolling Ball Tack (ASTM D 3121)</b>	2.0 cm max (11/16" Ball)
<b>Flexibility (ASTM C 765)</b>	No cracking or loss of adhesion at -10°F (-23°C) when bent around 3/8" mandrel (9.5mm)
<b>Staining (ASTM D 925)</b>	Will not stain painted or unpainted surfaces
<b>Odor (ASTM D 1833)</b>	None
<b>Vehicle Bleed Out (ASTM C 772)</b>	No exudation of vehicle on Whatman No. 40 filter paper
<b>Crazing to Acrylic Plastics</b>	Will not craze plastics
<b>Resistance to Fungus/Mildew Growth</b>	Will resist fungal attack and mildew growth
<b>Tensile Adhesive Strength (ASTM C 907)</b>	10 psi (typical failure mode 100% cohesive)

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#### TYPICAL PHYSICAL PROPERTIES CONTINUED

<b>Adhesion</b>	Excellent
<b>Water Resistance</b>	Excellent
<b>Corrosivity</b>	Aluminum: None Galvanized Metal: None
<b>Service Temperature</b>	-40°F to 180°F (-40°C to 82°C)
<b>Shelf Life (Storage at 72°F/ 22°C)</b>	2 Years from DOM

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

#### PACKAGING

GS# VaultSeal Sealant is available in a wide range of extruded sizes supplied in roll form on a release liner.

#### 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# VaultSeal 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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