

# GENERAL SEALANTS, INC.

## GS# Hot Melt Sealant

### Technical Data Sheet

#### PRODUCT DESCRIPTION

GS# Hot Melt Sealant is an extruded sealant that is primarily formulated to be used in conjunction with heat shrinkable tubes and sleeves. The product serves two purposes, to bond the heat shrinkable sleeve to PE, PVC, Steel, and to ensure a moisture proof seal or connection of the two substrates. GS# Hot Melt Sealant will flow into any surface irregularities when heated to ensure an air, dust, and watertight seal.

#### PRODUCT ADVANTAGES

- Excellent water resistance
- Non-Hazardous
- Fast and easy to apply by hand
- Tenacious adhesion
- Good ductility
- Allows for expansion and contraction
- Service temperature of 0°F to 120°F (-18°C to 49°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>	Polyolefin
<b>Color</b>	Black
<b>Specific Gravity (ASTM D792)</b>	1.19
<b>Total Solids</b>	100%
<b>Penetration (ASTM D217) cone at 72°F / 150 grams</b>	50-70 (5.0 to 7.0 mm)
<b>Rolling Ball Tack (ASTM D3121)</b>	>15 cm (11/16" Ball)
<b>Flexibility (ASTM C765)</b>	No cracking or loss of adhesion at -10°F (-23°C) when bent around 3/8" mandrel (9.5mm)
<b>Staining (ASTM D925)</b>	Will not stain painted or unpainted surfaces
<b>Odor (ASTM D1833)</b>	None
<b>Vehicle Bleed Out (ASTM C772)</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 C907)</b>	8 psi (typical failure mode 100% cohesive)

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#### TYPICAL PHYSICAL PROPERTIES CONTINUED

<b>Adhesion</b>	Great
<b>Water Resistance</b>	Excellent
<b>Corrosivity</b>	Aluminum: None Galvanized Metal: None
<b>Service Temperature</b>	0°F to 120°F (-18°C to 49°C)
<b>Shelf Life (Storage at 72°F/ 22°C)</b>	1 Year from DOM

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

#### PACKAGING

GS# Hot Melt 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# Hot Melt Sealant, please email [Sales@GeneralSealants.com](mailto:Sales@GeneralSealants.com) or call (800)-762-1144 to speak with a representative from our sales department.

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