

GENERAL SEALANTS, INC.

GS# FlameSeal

Technical Data Sheet

PRODUCT DESCRIPTION

GS# FlameSeal Sealant is a non-hardening butyl extruded sealant that forms an immediate and permanent bond to virtually any clean and dry surface. This cutting-edge sealant has fire resistance and will not sustain flame. It remains permanently flexible while exposed to extreme temperature fluctuations, will self-heal around bolts and fasteners after it has been punctured, and is very weather resistant.

PRODUCT ADVANTAGES

- Will not sustain flame
- Non-Hazardous
- Fast and easy to apply by hand
- Excellent weathering characteristics
- Tenacious surface adhesion
- Service temperature of -40°F to 300°F (-40°C to 149°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

Chemical Base	Butyl Rubber
Color	Black
Specific Gravity (ASTM D 792)	1.25
Total Solids	100%
Penetration (ASTM D 217) cone at 72°F / 150 grams	40-60 (4.0 to 6.0 mm)
Rolling Ball Tack (ASTM D 3121)	3.0 cm max (11/16" Ball)
Flexibility (ASTM C 765)	No cracking or loss of adhesion at -10°F (-23°C) when bent around 3/8" mandrel (9.5mm)
Staining (ASTM D 925)	Will not stain painted or unpainted surfaces
Odor (ASTM D 1833)	None
Vehicle Bleed Out (ASTM C 772)	No exudation of vehicle on Whatman No. 40 filter paper
Crazing to Acrylic Plastics	Will not craze plastics
Resistance to Fungus/Mildew Growth	Will resist fungal attack and mildew growth
Tensile Adhesive Strength (ASTM C 907)	12 psi (typical failure mode 100% cohesive)

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TYPICAL PHYSICAL PROPERTIES CONTINUED

Adhesion	Excellent
Water Resistance	Excellent
Corrosivity	Aluminum: None Galvanized Metal: None
Service Temperature	-40°F to 300°F (-40°C to 149°C)
Shelf Life (Storage at 72°F/ 22°C)	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# FlameSeal 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# FlameSeal Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with our Sales Department.

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