

GENERAL SEALANTS, INC.

GS# 55 Metal Building Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 55 Metal Building Sealant is an economical non-hardening butyl tape that was primarily designed for sealing seams, vents, and lap joints in metal roofing applications. This sealant forms an immediate and permanent bond to the application surface while remaining permanently flexible under expansion and contraction during joint movements. GS# 55 Metal Building Sealant has excellent UV resistance, and will adhere extremely well to most dry and clean surfaces. This sealant will not bleed or stain the application surface.

PRODUCT ADVANTAGES

- Excellent water resistance
- Excellent UV resistance
- Allows for expansion and contraction of joints
- Tenacious surface adhesion
- Meets or exceeds ASTM C1311
- Excellent cohesive strength
- Service temperature of -40°F to 200°F (-40°C to 93°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 D792)	1.73
Total Solids	100%
Penetration (ASTM D217) cone at 72°F / 150 grams	44-54 (4.4 to 5.4 mm)
Rolling Ball Tack (ASTM D3121)	>10 cm (11/16" Ball)
Flexibility (ASTM C765)	No cracking or loss of adhesion at -10°F (-23°C) when bent around 3/8" mandrel (9.5mm)
Staining (ASTM D925)	Will not stain painted or unpainted surfaces
Odor (ASTM D1833)	None
Vehicle Bleed Out (ASTM C772)	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 C907)	15 psi (typical failure mode 100% cohesive)

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TYPICAL PHYSICAL PROPERTIES CONTINUED

Adhesion	Great
Water Resistance	Excellent
Corrosivity	Aluminum: None Galvanized Metal: None
Service Temperature	-40°F to 200°F (-40°C to 93°C)
Shelf Life (Storage at 72°F/ 22°C)	3 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# 55 Metal Building 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# 55 Metal Building Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with a representative from our sales department.

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