

GENERAL SEALANTS, INC.

GS# 4T-VB Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 4T-VB Sealant is a high-performance vinyl-backed butyl tape that is primarily developed to be used as a weatherproof seal on low to medium voltage electrical applications. This product tenacious tack and self-fusing characteristics make it the preferred choice in the electrical industry to prevent water, moisture, and debris from entering cable connections in above and below ground applications. The pre-impregnated vinyl backing provides UV and weathering characteristics.

PRODUCT ADVANTAGES

- Excellent adhesion to cable jackets
- Non-Hazardous
- Fast and easy to apply by hand
- Excellent water and weathering characteristics
- Resistant to mildew
- 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 with Vinyl Backing
Color	Black
Specific Gravity (ASTM D792)	1.53
Total Solids	100%
Penetration (ASTM D217) cone at 72°F / 150 grams	58-68 (5.8 to 6.8 mm)
Rolling Ball Tack (ASTM D3121)	20 cm max (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
Adhesion	Excellent

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TYPICAL PHYSICAL PROPERTIES CONTINUED

Dielectric Strength (ASTM D149)	380 volts/mil
Dielectric Constant (ASTM D150)	4.0 at 100 Hz
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)	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# 4T-VB Sealant is available in a wide range of sizes in precut pad form with a release liner on one side. Common sizes are (1/8" x 3 1/4" x 4 1/2") and (1/8" x 4" x 4") but other custom 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# 4T-VB Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with a representative from our sales department.

USER'S RESPONSIBILITY

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