GENERAL SEALANTS, INC.

STICK TO QUALITY®

GS# SFTS-FR Sealant

Technical Data Sheet

PRODUCT DESCRIPTION

GS# SFTS-FR Sealant is a polyacrylic based sealant tape formulated to exhibits strong fire-retardant characteristics. This unique self-fusing sealant offers a high cohesive strength, excellent elasticity and weathering characteristics which allows for the product to endure expansion, contraction, vibration and joint movement. This products water and fire retardance make it an excellent sealant to moisture proof low to medium voltage cabling applications. GS# SFTS-FR Sealant can withstand harsh environments of direct buried, manhole, or external weather exposed applications.

PRODUCT ADVANTAGES

- Good adhesion to cable jackets and other insulating materials
- Resistant to UV, water, dust, & condensation
- Self-fusing
- Non-Hazardous
- Fast and easy to apply by hand
- Great water and weathering characteristics
- Service temperature of -20°F to 200°F (-29°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	Polyacrylic
Color	Gray
Specific Gravity (ASTM D792)	1.41
Total Solids	100%
Penetration (ASTM D217) cone at 72°F / 150 grams	55-65 (5.5 to 6.5 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 D 1833)	None
Vehicle Bleed Out (ASTM C 772)	No exhudation of vehicle n 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)	9 psi (typical failure mode 100% cohesive)

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TYPICAL PHYSICAL PROPERTIES CONTINUED

Adhesion	Good
Water Resistance	Excellent
Corrosivity	Aluminum: None Galvanized Metal: None
Service Temperature	-20°F to 200°F (-29°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# SFTS-FR 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# SFTS-FR 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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