

GENERAL SEALANTS, INC.

GS# PipeSeal

Technical Data Sheet

PRODUCT DESCRIPTION

GS# PipeSeal is a self-fusing butyl barrier sealant tape designed specifically for pipelines. This unique formulation allows the PipeSeal to virtually bond to any metal substrate and is concurrently resistant to weathering, ozone, oxidation, and underground electrochemical reactions. The dynamic blend of customized raw materials allows PipeSeal to repel water and have an ultra-low water absorption rate. A special polyethylene backing can also be applied to one side of the PipeSeal which adds an extra layer of UV protection.

PRODUCT ADVANTAGES

- Tenacious surface adhesion
- Non-Hazardous
- Fast and easy to apply by hand
- Product remains permanently flexible
- Excellent weathering/heat aging characteristics
- Service temperature of -40°F to 200°F (-40°C to 93°C)
- Resistant to bacterial attack
- Excellent ozone and solvent resistance
- Impervious to gases

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)	1.15
Total Solids (ASTM D6)	100%
Penetration (ASTM D217) cone at 72°F / 150 grams	55-65 (5.5 to 6.5 mm)
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)	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
Elevated Temperature Flow (ASTM C766)	No sag or shape change after 14 days @ 158°F
Service Temperature	-40°F to 200°F (-40°C to 93°C)
Shelf Life (Storage at 72° F/ 22°C)	2 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# PipeSeal Sealant is available in a wide range of extruded tape and bead sizes supplied in roll form on a release liner or in custom cut pads with release liner on both sides.

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# PipeSeal Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with our Sales Department.



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