

#1106.1 Butyl Rubber Seal

Technical Data

SEALANTS

Features and Benefits

- Non-Corrosive: No pitting or corrosion after 7 days aging of the sealant on metals that were in water at 160° F; test was preceded by a 24 hour cure at 77° F.
- Wt. Per Gallon: 12 to 13 pounds - ASTM D71-72.
- Water Immersion: no affect after three weeks in water at 120° F.
- Bubble formation: Will not exceed 25% of surface after 72 hours at 160° F.
- Toxicity: Non-toxic under normal use - do not take internally.
- Composition: Butyl rubber, resins, inert pigments.
- Adhesion: Adheres to oily metal surfaces, painted and unpainted galvanized steel or aluminum.
- Flexibility: No cracking, separation or loss of adhesion of a 3/8" diameter bead on galvanized steel when bent at -60° F over a 1/2" mandrel
- Percent Shrinkage: 15% maximum



DESCRIPTION:

#1106.1 Butyl Rubber Seal is a one component, non-drying, permanently flexible material designed for sealing rigid and expansion joints between all combinations of wood, glass, metals, and masonry surfaces without the need or requirement of a primer.

USES:

#1106.1 Butyl Rubber Seal is used in 55 gallon drum to provide a moisture and vapor tight seal to exclude water and dust from any given area under atmospheric pressure. #1106.1 is an excellent sealant for the metal building trade, windows glazing industry, refrigeration industry, as well as many other trades and industries.

Properties	Test Method	Value
Composition		Butyl rubber, resins, inert pigments
Color	ASTM D1729-69	Gray
Wt. Per Gallon	ASTM d71-72	12 TO 13 POUNDS
Packaging		55 gallon drums.
Percent Solids	ASTM C771-74	Theoretically 90%
Flashpoint	ASTM D93-79	Greater than 102° F. Non-red label
Moisture Vapor Transmission (MVT)	ASTM-E-96	Less than 1.0 gram per day per M, 20 mil.
Temperature tolerance range	ASTM-D-2202	Maximum slump of 3/16" at 210° F
Temperature usage range	0°F to +100° F	Recommended
Weatherometer Test		After 1,000 hours, no significant change
S1 Sunlamp Exposure		After 1,000 hours, no apparent change
Water Immersion		No affect after being in water for 3 weeks @ 120° F

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