

#1103 Butyl Tape Sealant

Technical Data

SEALANTS

Features and Benefits

- Excellent sealant for metal building trade, window glazing industry, refrigeration industry, as well as many others.
- Non-irritant: No limitation to eyes or skin as listed in CFR, Title 16, "Appraisal of the safety of chemicals in food, drugs, and cosmetics".
- Sealant will not crack or separate while being applied at low end of temperature usage range; when stored in warehouse conditions, it will remain useable for a prolonged period.
- Chemical Resistance: Excellent resistance to water, alcohols, mild acids and bases.
- Paintability: Yes.
- Vehicle Bleedout: None
- Non-Corrosive: Will not corrode Metals.
- Flexibility: No cracking at -20° F.
- Shelf Life: One year minimum

DESCRIPTION:

#1103 Sealer is a gray or off-white permanently soft, non-drying tape sealant compound which contains virgin butyl polymer to enhance its sealing properties and aging characteristics. #1103 Sealer is formulated to retain low temperature handling properties. #1103 Sealer will adhere to most clean, dry surfaces such as steel, galvanized steel, aluminum, plastic, wood and concrete. The product is non-hazardous and non-toxic. #1103 Sealer is 100% solids.



USES:

#1103 Sealer is used in tape and bead form to provide a moisture and vapor tight seal to exclude water and dust from any given area under atmospheric pressure. #1103 is an excellent sealant for the metal building trade, window glazing industry, refrigeration industry, as well as many others. #1103 will not crack or separate while being applied at low end of temperature usage range, however, it is recommended that the material be stored at moderate temperature to enhance its

application characteristics. #1103 when stored at warehouse conditions, will remain usable for a prolonged period.

Properties

Test Method

Value

Base		Non-drying synthetic Polymer
Fillers		Mineral fillers and inert ingredients—Non-asbestos
Specific Gravity	ASTM D71-72	1.43 to 1.47 G/CC
Cone Penetration	ASTM D217-52T	Modified to total moving load at 300 gm., 5 sec @ 77° F; 80-90 mm/10.
Adhesive tensile strength		10 to 12 psi
Temperature tolerance range	-40° F to +249° F	Recommended
Temperature usage range	0°F to +100° F	Recommended
Weatherometer Test	ASTM D-822	Will not harden even after 1000 hours

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