

SUBMITTAL RECORD \_\_\_\_\_  
 JOB \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 SUBMITTED TO \_\_\_\_\_  
 SUBMITTAL PREPARED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



# Specification Form

## BTL316

### Butyl Gasket

#### DESCRIPTION:

BTL316 Butyl Gasket is a dark gray permanently soft, non-drying tape sealant compound which contains virgin butyl polymer to enhance its sealing properties and aging characteristics. It is formulated to retain low temperature operating properties. BTL316 Butyl Gasket 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.



#### USES:

BTL316 Butyl Gasket is used in tape and bead form to seal transverse duct connection systems helping to provide a moisture and air tight seal. BTL316 Butyl Gasket 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. When stored at warehouse conditions, it will remain usable for a prolonged period.

#### FEATURES AND BENEFITS

- Excellent sealant for HVAC, as well as many others industries.
- 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".
- Remains pliable and 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

Item#	Code	Description
■ 21045	BTL316-12DG	3/16X1/2 Butyl
■ 21046	BTL316-58LG	3/16X5/8 Butyl

#### 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
Flame & Smoke	ASTME84	Flame 5    Smoke 5

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