



H.B. Fuller

Foster[®]

Butylar[™] NXT

Vapor Barrier Membrane



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Butylar[™] NXT is a next generation – high performance butyl membrane for use on cold and cryogenic piping and equipment insulation applications. It is comprised of a superior performance black butyl adhesive on a PET/AL/PET laminate film and is free of any bitumen or asphalt compounds.



SPECIFICATIONS

- Color: Printed aluminum laminate with a black butyl adhesive
- Composition: Butyl adhesive on a 12 μ polyester/25 μ aluminum/12 μ polyester laminate facing
- Film Thickness: 1.2 mm nominal (47 mils)
- Roll Size: 1m x 15 m (39.4 in x 49.2 ft)
- Water Vapor Permeance (ASTM E-96 Procedure E): 0.00 Perms

FEATURES & BENEFITS

- Internally reinforced butyl adhesive provides superior strength over currently available membranes.
- Printed laminate facing signifies the trusted Foster[®] full system protection.
- Printed layout aids in clean – square field applications.

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SEALANTS

95-50 Flextra® Sealant

- 1 component, butyl rubber based joint sealant
- Remains soft and flexible, preventing damage to insulations due to thermal cycling
- Used with all types of low temperature insulation as a vapor barrier joint sealant
- Will not bleed through when top coated with 60-38 and 60-90 coatings

95-44 Elastolar® Sealant

- Premium sealant for flashing projections and terminations where a complete moisture and vapor seal is required
- Ideal for sealing laps of metal jacketing to prevent ingress of moisture
- Aluminum colored and has excellent weather and UV resistance

95-88 ElastiSeal™ Sealant

- Economical sealant for flashing projections, terminations and laps of metal jacketing where a complete moisture and vapor seal is required
- Permanently flexible, non-stringing and non-staining formula
- Grey colored and provides excellent weather and UV resistance

VAPOR STOPS

90-61 Cryolar™ 1K Vapor Stop Sealant

- 1 component product. No mixing required on site
- No pot life concerns, reduced waste
- Improved application consistency allows for faster, easier and cleaner application
- Excellent resistance to moisture, water and other gases
- 0.01 perms when tested to ASTM E-96 Procedure E

90-66 Cryogenic Coating

- 2-part black, elastomeric coating for use as a cryogenic vapor stop
- Excellent resistance to moisture, water and other gases
- 0.01 perms when tested to ASTM E-96 Procedure E



ADHESIVES

81-84 NH Adhesive/Sealant

- 2 component, high strength thermosetting urethane adhesive for low temperature insulation applications
- Free of halide containing materials allowing for use on stainless steel
- Used as both an attachment adhesive and joint sealant on a variety of insulation types

82-77 Cryogenic Adhesive

- 100% solids, chemically curing adhesive with high tensile strength and adhesion to a variety of substrates
- Excellent resistance to solvents, water and many chemicals
- Ideal for bonding steel pipe shoes or saddles to insulation assemblies

VAPOR BARRIER COATINGS

60-38 and 60-39 Monolar® II Mastic

- Based on chorosulfonated polyethylene rubber to provide a tough, flexible, fire resistive elastomeric finish for protection of thermal insulation
- Excellent chemical, weather and UV resistance
- Excellent vapor barrier for low temperature insulation applications
- 0.011 perms when tested to ASTM E-96 Procedure E

60-90, 60-91, 60-95 and 60-96 Monolar® Mastic

- Contains chorosulfonated polyethylene rubber to provide a tough, flexible, fire resistive elastomeric finish for protection of thermal insulation
- Outstanding chemical, weather and UV resistance
- Excellent vapor retarder for low temperature insulation applications
- 0.024 perms when tested to ASTM E-96 Procedure E

