



# IMO / US Navy Certified Insulations

## RB, L.L.C.

Insulation with integrity, from people who care.

### Nautica TA-301 VBD Duct Insulation

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#### Description:

Nautica TA-301 VBD is a light weight, fire resistant duct insulation with a high performance vapor retardant facing.

The basic construction consists of a baseboard of Solimide polyimide foam, faced with an aluminized polyester/aluminum foil laminate, with an integral fiberglass scrim for reinforcement.

It is installed on round, oval or rectangular ducts, secured with adhesive and/or stud fasteners. All joints and penetrations are sealed with tape. The facing has been primed for painting, or may be left as is.

Specifications:	U.S. Navy: base material DOD-I-24688 Type I NAVSEA SER 03M3/021
Standard Sizes:	1 x 24 x 48 (160 sf/carton) 2 x 24 x 48 (80 sf/carton)
Weight:	1" .10 lbs/sf 2" .14 lbs/sf

Base Board: Solimide TA-301 Polyimide foam per DOD-I-24688,  
0.4 pcf density

Facing: Reinforced aluminized polyester/aluminum foil laminate  
with prime coated surface with glass fiber mesh  
reinforcing.

Fire Resistance: ASTM-E-162 Flame Spread: 1.00  
ASTM-E-662 Smoke Density,  
Flaming: 1.5  
Non-Flaming: 3.2  
Passed NAVSEA Quarter Scale Room Test

Water Vapor Transmission: ASTM-E96-90 .03 Perm inch

Thermal Conductivity: .30@75°F Temp (BTU-IN/SF/°F/HR)