



# IMO / US Navy Certified Insulations

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Insulation with integrity, from people who care.

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## Nautica TA-301 VBD-CF Insulation

### Description:

Inherently fire resistant, this light weight insulation was developed for significant weight reduction of thermal insulation for the U.S. Navy. The polyimide foam, Solimide TA-301 is approximately 1/6th the weight of traditional fiberglass insulation. It is approved by the U.S. Navy for insulation on pipe and equipment up to 370°F. It is also used to insulate HVAC ducts.

VBD Facing is a three-ply laminate of aluminum foil, fiberglass scrim re-inforcing and heat sealable metalized polyester film. It provides a highly fire resistive, excellent vapor barrier finish or jacket over insulation boards and pipe insulations. It is also prime coated to accept paint.

VBD-CF is a combination of the above VBD, laminated to a fiberglass fabric (MIL-C-20079, Type I, Class 2) for additional abuse resistance where required.

Specifications:	U.S. Navy: DOD-I-24688 Type I
Standard Sizes:	1 x 24 x 48 (160 sf/carton) 2 x 24 x 48 (80 sf/carton)
Weight:	1" .16 lbs/sf 2" .26 lbs/sf

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

Facing: VBD: 3 ply laminate of aluminum foil, glass scrim and  
aluminized polyester— Permeability: .02 Perms

Glass Cloth: 12.8 oz/yd<sup>2</sup>, MIL-C-20079 Type I, Class 2