



# IMO / US Navy Certified Insulations

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Insulation with integrity, from people who care.

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## Nautica TA-301 PAF Ceiling Panel

### Description:

These durable and attractive acoustic lay-in ceiling panels are designed for excellent sound absorption and long life. They are approved by NAVSEA for both new construction and as replacement panels.

The panels, made with Inspec's TA-301 polyimide foam, are inherently fire safe. They are designed to fit in T-bar grid systems, and come in pre-cut sizes for a 2' x 4' or 2' x 2' standard grid.

The panels are lightweight, and are easy to remove and replace for access above the drop ceiling. The factory applied powder coat paint finish makes them extremely durable, and can be easily cleaned with a damp cloth.

Specifications: U.S. Navy: USN Habitability list Type "G" Ship Spec  
MIL-STD 1623

Standard Sizes: Type A: 5/8" x 23-3/4" x 23-3/4" or 47-3/4"  
Type B: 2" x 23-3/4" x 23-3/4" or 47-3/4"

Facing: White, embossed aluminum panel, corrugated (for strength) on 1/4" x 1/8" depth, perforated (for acoustic absorption) with 1/8" holes on 21/64" centers.

Insulation: Solimide TA-301 polyimide foam (Type A)

Solimide TA-301 polyimide foam & fiberglass blanket (Type B)

Thermal Conductivity: .29@75°F Temp (BTU-IN/SF/°F/HR)

### Sound Absorption Coefficients

Freq	125	250	500	1000	2000	4000	NRC
Type A	.87	.67	.50	.71	.77	1.00	.65
Type B	.89	.92	.82	.92	.87	.91	.90