

SOLIMIDE TA-301 foam is utilized in marine, commercial, and industrial markets as lightweight, fire resistant, thermal and acoustic insulation. Applications vary and include, marine hullboard, commercial HVAC duct liner, insulation for rail cars, and expansion/contraction joints in cryogenic applications. SOLIMIDE TA-301 foam can be cut into a variety of shapes or sizes, then faced or coated to meet most end-user requirements.

Typical Characteristics

- Density 0.40 lb/ft³ [6.4 kg/m³]
[Per ASTM D 3574, Test A]
- Flame Spread Less than 5
Smoke Developed Less than 5
[Per ASTM E 84]
- NRC at 1 inch (25 mm) 0.65
[Per ASTM C 423 and E 795, Type A Mounting]
- Max Continuous Use Temperature 400°F [200°C]
- Thermal Conductivity 0.32 (BTU·in)/(hr·ft²·°F) [0.046 W/(m·K)]
[Per ASTM C 518 at 75°F (24°C)]
- 50% Compression Force Deflection 1.3 lb/in² (9 kPa)
[Per ASTM D 3574, Test C]
- Minimal Offgassing / Outgassing



Specifications / Certificates:*

- DOD-I-24688
- U.S. FRA and FTA (Docket 90-A)
- Fire-Restricting Materials per the International Maritime Organization (IMO) High Speed Craft code in accordance with the IMO Resolution MSC.40(64)

*SOLIMIDE TA-301 foam may meet additional specifications that are not listed here. Please contact us to determine if it meets your specification, or other requirements.

TA-301-0909