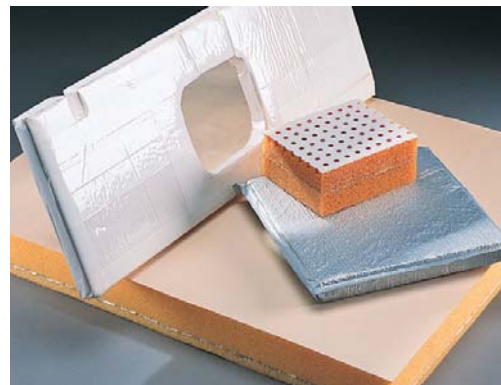


SOLIMIDE AC-550 foam is utilized in aircraft and aerospace markets as a lightweight, non-wicking, fire resistant, thermal and acoustic insulation material. Fuselage, air conditioning duct, and equipment insulation are a few of the applications for SOLIMIDE AC-550 foam. If needed to meet end user requirements, SOLIMIDE AC-550 foam can be faced or coated and cut into a variety of shapes or sizes.

Typical Characteristics

- **Density** 0.44 lb/ft³ [7.1 kg/m³]
[Per ASTM D 3574, Test A]
- **FAA Radiant Panel** Pass
[Per FAR 25.856 (a)]
- **Flame Spread Index** Less than 5
[Per ASTM E 162]
- **Smoke Developed** Less than 5
[Per ASTM E 662]
- **NRC at 1 inch (25 mm)** 0.75
[Per ASTM C 423 and E 795, Type A Mounting]
- **Max Continuous Use Temperature** 400°F [200°C]
- **Thermal Conductivity** 0.30 (Btu·in)/(hr·ft²·°F) [0.043 W/(m·K)]
[Per ASTM C 518 at 75°F (24°C)]
- **Load Deflection at 25% Compression** 35 lb/50 in² [155 N/323 cm²]
[Per ASTM D 3574, Test B1 as modified per BMS 8-300]
- **Minimal Offgassing / Outgassing**



Specifications / Certificates*:

- BMS 8-300
- BAMS 544-006
- DMS 2330
- MMS 04-001

*SOLIMIDE AC-550 foam may meet additional specifications that are not listed here. Please contact us to determine if it meets your specification or other requirements.

AC550-0909