

SOLIMIDE AC-530 foam is utilized in aircraft, aerospace, and industrial markets as a lightweight, non-wicking, fire resistant, thermal and acoustic insulation material. SOLIMIDE AC-530 foam is used in a variety of applications, including expansion/contraction joints in cryogenic applications, as well as aircraft fuselage, under floor, and duct insulation. SOLIMIDE AC-530 foam is compatible with many different facings, coatings and adhesives. It can be cut into numerous shapes or sizes to meet end use requirements.

Typical Characteristics

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| • Density
[Per ASTM D 3574, Test A] | 0.36 lb/ft ³ [5.7 kg/m ³] |
| • FAA Radiant Panel
[Per FAR 25.856 (a)] | Pass |
| • Flame Spread Index
[Per ASTM E 162] | Less than 5 |
| • Smoke Developed
[Per ASTM E 662] | Less than 5 |
| • NRC at 1 inch (25 mm)
[Per ASTM C 423 and E 795, Type A Mounting] | 0.70 |
| • Max Continuous Use Temperature | 400°F [200°C] |
| • Thermal Conductivity
[Per ASTM C 518 at 75°F (24°C)] | 0.34 (Btu·in)/(hr·ft ² ·°F) [0.049 W/(m·K)] |
| • Load Deflection at 25% Compression
[Per ASTM D 3574, Test B1 as modified per BMS 8-300] | 20 lb/50 in ² [89 N/323 cm ²] |
| • Minimal Offgassing / Outgassing | |



Specifications / Certificates*:

- BMS 8-300
- MMS 04-001
- AIMS 04-14-004

*SOLIMIDE AC-530 foam may meet additional specifications that are not listed here. Please contact us to determine if it meets your specification or requirement.

AC530-0909