



Aerospace

Sealing, Insulating & Quieting the World

65+ Years of Experience & 22 Locations Worldwide

Alabama ▪ Arkansas ▪ Florida ▪ Georgia ▪ Iowa ▪ Indiana ▪ Kansas ▪ Kentucky
Tennessee ▪ Texas ▪ Mexicali ▪ Monterrey ▪ Nuevo Laredo ▪ San Luis Potosi ▪ Nanjing

Applications:

When it comes to Aerospace, selecting the proper material is crucial. PSC offers a variety of specialized insulation to meet this industry's specifications. PSC's high-quality materials have excellent acoustic and thermal properties and can be fabricated with facings to prevent moisture penetration.

Main Applications:

- Insulation
- Gasketing
- Padding



Capabilities & Materials:

PSC's diverse capabilities allow for fabrication of low, medium, and high-volume parts. These capabilities include bonding, rapid prototyping, laminating, custom die cutting, water jet cutting, saw cutting, engineering, JIT shipping, etc. PSC's materials include fiberglass insulation, closed cell and HR foams, high density polyester, felts, and more!



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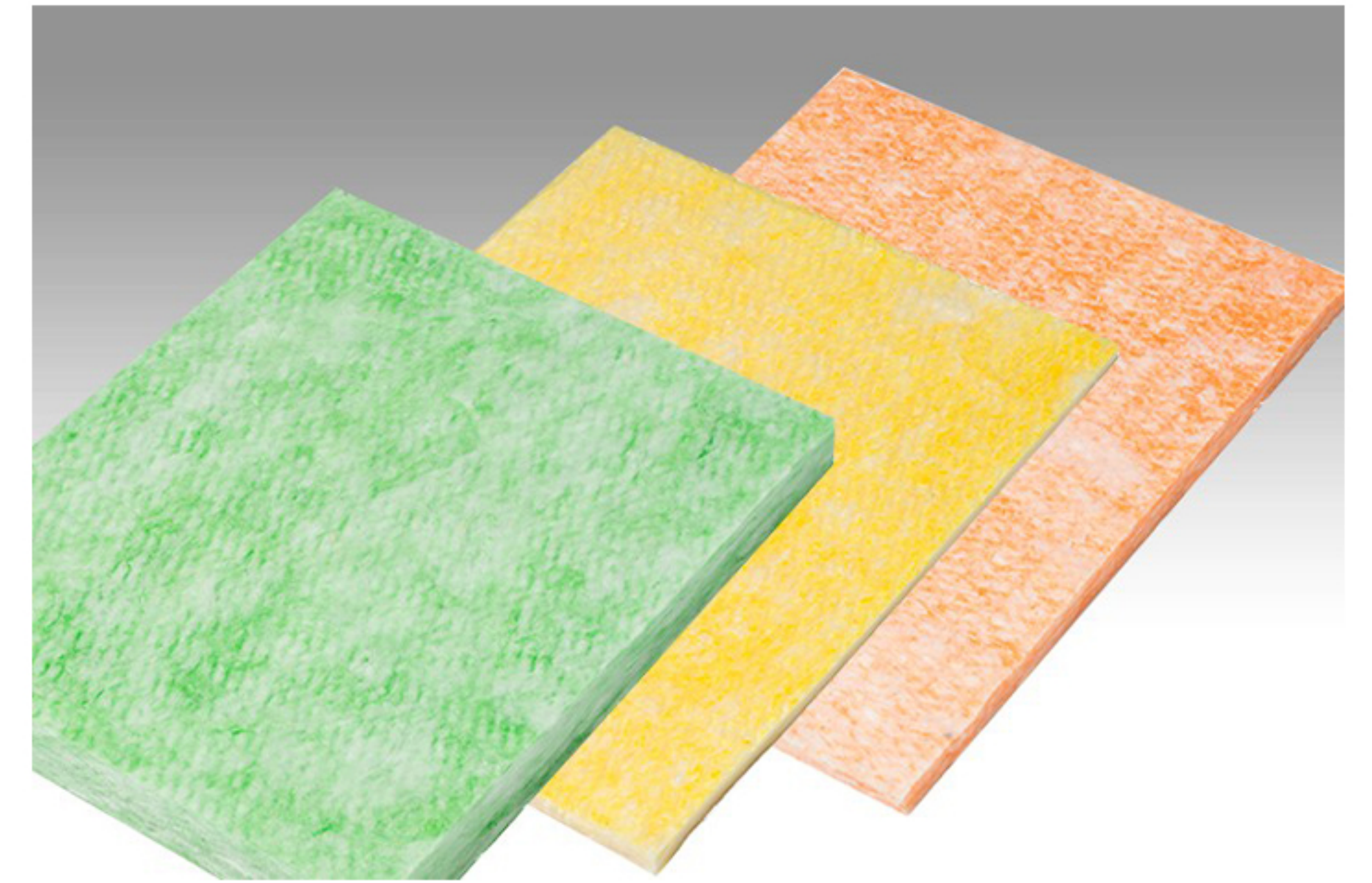


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Microlite® AA Standard

Microlite® AA Standard is a flexible blanket with excellent thermal and acoustic insulating properties. It is manufactured with a water repellent binder so moisture will never be a concern even in areas of high altitude. This material is ideal for insulating fuselage wall cavities in both commercial and private aircrafts. Microlite® AA Standard complies with the following government and external specs: ABS 5630, ASTM C-800, BMS 8-48, DMS 2151, DMS 1967, FAR 25.853, FAR 25.856 and OSU 65/65.



Standard Thicknesses & Densities

Apparent Density		Thickness		Color
lbs/ft ³	kg/m ³	in	mm	
0.42	6.7	½ & 1	12.7 & 25.4	Amber
0.60	9.6	½ & 1	12.7 & 25.4	Green
1.00	16.0	1	25.4	Orange
1.50	24.0	¾	9.5	Amber

* Other sizes may be available upon request.



Microlite® AA Premium

Weight plays a crucial role in the aerospace market. The Microlite® AA Premium blankets offer the same properties and benefits as the Microlite® AA Standard Blankets, but at 20% less weight.

Standard Thicknesses & Densities

Apparent Density		Thickness	
lbs/ft ³	kg/m ³	in	mm
0.34	5.5	1	25.4
0.50	8.0	1	25.4
1.20	19.2	¾	8.5

