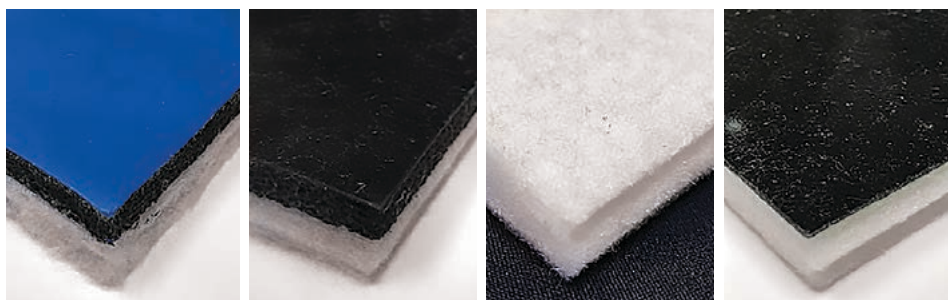


### Product Description

Aearo Technologies LLC proprietary carpet pads have low surface weight and a comfortable step feel for aircraft applications. These flexible, high sound transmission loss and low water absorption composites benefit from high dimensional stability.

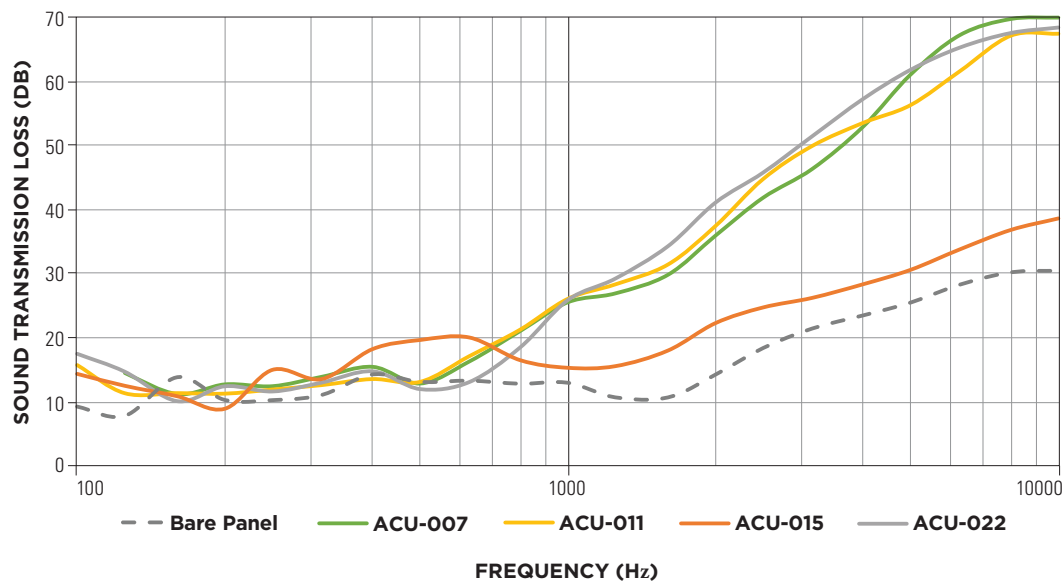
**PMA  
Material Options  
Available**



TYPICAL PROPERTIES	ACU-007	ACU-011	ACU-015	ACU-022
<b>Layer Material Type</b>				
Top	Thermoplastic Barrier	Thermoplastic Barrier	-	Thermoplastic Barrier
Middle	Polymer Foam	Polymer Foam	-	-
Bottom	Aramid Felt	Aramid Felt	Aramid Felt	Aramid Felt
<b>Thickness Nominal Inches (mm)</b>	0.55 (13.94)	0.55 (13.94)	0.50 (12.70)	0.52 (13.31)
<b>Weight Nominal lb/ft<sup>2</sup> (kg/m<sup>2</sup>)</b>	0.36 (1.77)	0.36 (1.77)	0.16 (0.78)	0.36 (1.77)
<b>Flammability, FAR 25.853(a) Appendix F Part 1 (a)(1)(ii)</b>	Pass	Pass	Pass	Pass
<b>Fungal Resistance ASTM G21</b>	Pass	Pass	Pass	Pass
<b>Compression Set (%) ASTM D1056 @ 30 minutes, modified</b>	55.19	55.19	30	30
<b>Water Absorption (% Change)*</b>	0.21	0.59	3.4	2.3
<b>Thermal Conductivity at 20°C W/mK (BTU in/hr ft<sup>2</sup> F)</b>	0.035 (0.24)	0.035 (0.24)	0.035 (0.24)	0.035 (0.24)

\* In-house Test Method

The above technical information and data should be considered representative or typical only and should not be used for specification purposes.



#### Technical Information

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.

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