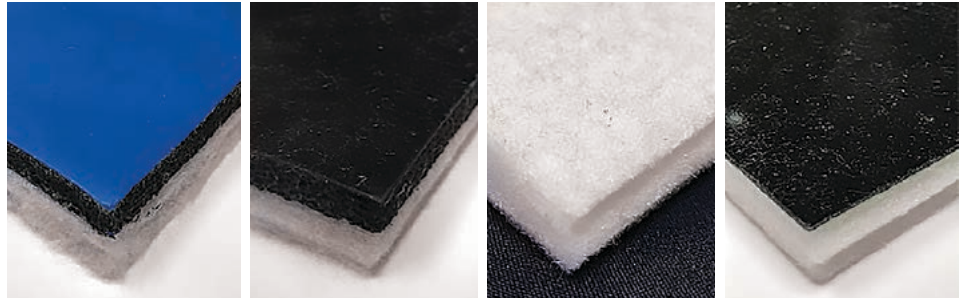


Product Description

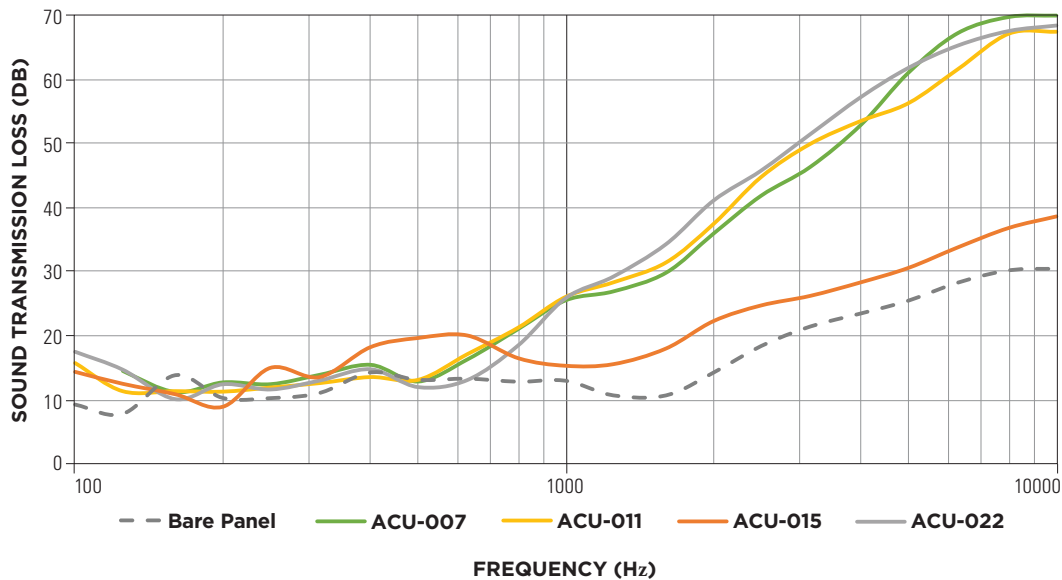
Aearo Technologies LLC proprietary carpet pads have low surface weight and a comfortable step feel for aircraft applications. These flexible, high sound transmission loss and low water absorption composites benefit from high dimensional stability.



TYPICAL PROPERTIES	ACU-007	ACU-011	ACU-015	ACU-022
Layer Material Type				
Top	Thermoplastic Barrier	Thermoplastic Barrier	-	Thermoplastic Barrier
Middle	Polymer Foam	Polymer Foam	-	-
Bottom	Aramid Felt	Aramid Felt	Aramid Felt	Aramid Felt
Thickness Nominal Inches (mm)	0.55 (13.94)	0.55 (13.94)	0.50 (12.70)	0.52 (13.31)
Weight Nominal lb/ft² (kg/m²)	0.36 (1.77)	0.36 (1.77)	0.16 (0.78)	0.36 (1.77)
Flammability, FAR 25.853(a) Appendix F Part 1 (a)(1)(ii)	Pass	Pass	Pass	Pass
Fungal Resistance ASTM G21	Pass	Pass	Pass	Pass
Compression Set (%) ASTM D1056 @ 30 minutes, modified	55.19	55.19	30	30
Water Absorption (% Change)*	0.21	0.59	3.4	2.3
Thermal Conductivity at 20°C W/mK (BTU in/hr ft² F)	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.

Warranty, Limited Remedy, and Disclaimer

Unless an additional warranty is specifically stated on the applicable Aearo Technologies product packaging or product literature, Aearo Technologies warrants that each Aearo Technologies product meets the applicable Aearo Technologies product specification at the time Aearo Technologies ships the product. Aearo Technologies MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the Aearo Technologies product does not conform to this warranty, then the sole and exclusive remedy is, at Aearo Technologies's option, replacement of the Aearo Technologies product or refund of the purchase price.

Limitation of Liability

Except where prohibited by law, Aearo Technologies will not be liable for any loss or damage arising from the Aearo Technologies product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.