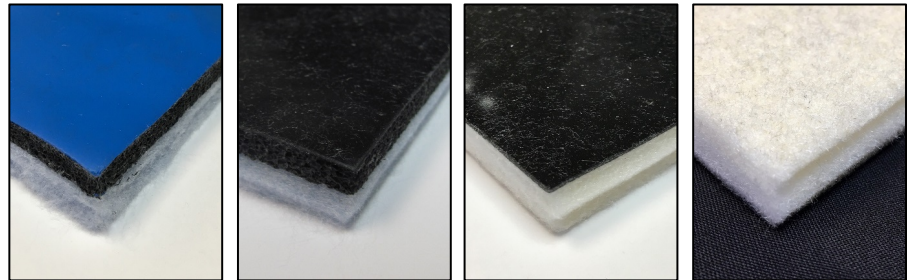


Product Description

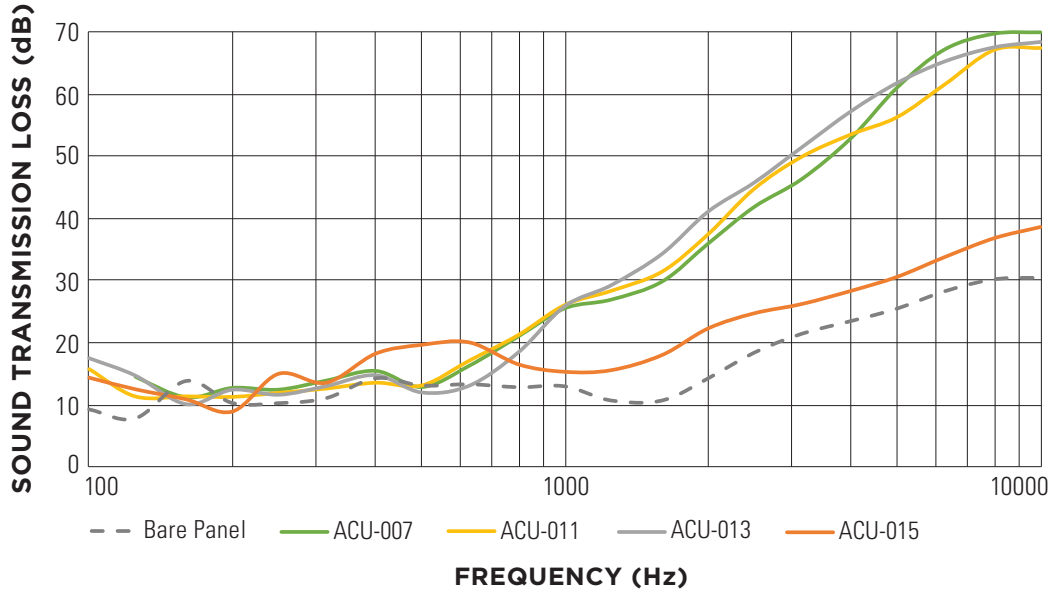
Aearo Technologies LLC proprietary carpet pads have low surface weight and a comfortable step feel for aircraft applications. These flexible, high sound transmission loss and low water absorption composites benefit from high dimensional stability and are engineered to comply with FAR 25.856(a).



TYPICAL PROPERTIES	ACU-007	ACU-011	ACU-013	ACU-015
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)	0.52 (13.31)	0.50 (12.70)
Weight Nominal lb/ft² (kg/m²)	0.36 (1.77)	0.36 (1.77)	0.36 (1.77)	0.16 (0.78)
Flammability FAR 25.853a	Pass	Pass	Pass	Pass
Fungal Resistance ASTM G21	Pass	Pass	Pass	Pass
Compression Set (%) ASTM D1056 @ 30 minutes	55.19	55.19	30	30
Water Absorption (% Change)*	0.21	0.59	2.3	3.4
Thermal Conductivity at 20°C W/mK (BTU in/hr ft ² 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.

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