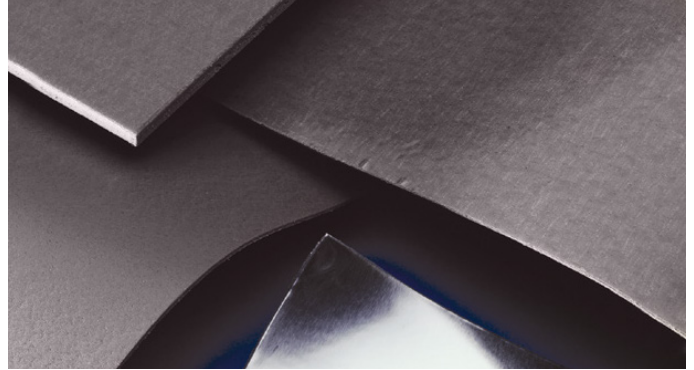




Damping Composites

Aearo damping composites combine the advantages of lightweight extensional damping foams and sheets with high performance acoustical foams and constraining layers to provide both structureborne and airborne noise control in one convenient package. They can be die-cut and easily applied with PSAs.



TYPICAL PROPERTIES	NV-7520-100SM	C-2206PSA-50TF
Foam Layer mm (in.)	25.4 (1.0) Urethane Foam with Aluminum Polyester	12.7 (0.5) Urethane Foam
Solid Layer mm (in.)	1.9 (0.075) Urethane Damping Material	0.76 (0.030) Vinyl Damping Material
Weight Nominal kg/m² (lb/ft²)	4.75 (.97)	2.25 (.46)
Flammability UL 94, solid layer UL 94, foam layer	Listed V-0 Listed HBF	Listed HB
FMVSS-302	Meets	Meets
Tensile Strength kPa (psi) Solid layer, ASTM D638	8966 (1300)	9632 (1397)
Tear Strength kN/m (lbf/in) Solid layer, ASTM D1004	37 (211)	58 (332)
Temperature Range °C (°F) Recommended Service Temperature	-10 to 60 (14 to 140)	-18 to 71 (0 to 160)
Recommended Max. Intermittent °C (°F)	125 (257)	107 (225)
RoHS Directive 2015/863/EU Compliant	Yes	Yes

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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