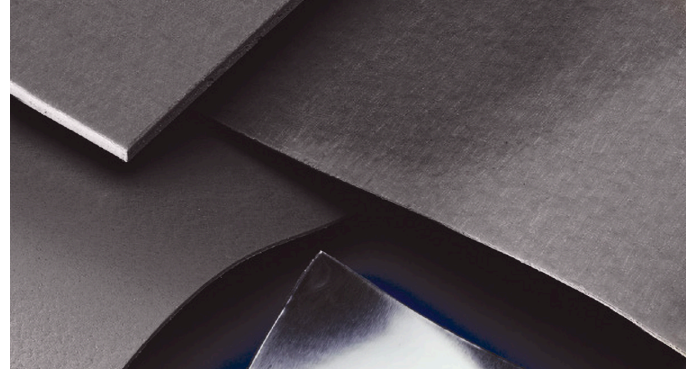


Damping Materials

ISODAMP™ damping materials offer practical, effective solutions for impact noise and structureborne vibration. The broad range of ISODAMP damping materials affords high-performance vibration control under diverse physical, temperature, and environmental conditions.

- Choices available for discrete thickness and temperature conditions
- Available for extensional, composite and constrained-layer systems
- Available as custom designed parts, both with and without pressure-sensitive adhesive backing



TYPICAL PROPERTIES	SD	C-2003	C-2206	NV-7500S
Density Nominal kg/m³ (lb/ft³) ASTM D792	1682 (105)	1714 (107)	1682 (105)	1842 (115)
Flammability UL 94 FMVSS-302 Canadian Stds. Assoc. (CSA)	Listed V-0 Meets Listed 0.6 V-0	Listed HB Meets Listed 0.6 HB	Listed V-0 Meets Listed 0.6 V-0	Listed V-0 Meets
System Loss Factor at 1000 Hz on 62 mil Aluminum Thickness mm (in.) ASTM E756-93 @ 0°C (32°F) @ 10°C (50°F) @ 20°C (68°F) @ 30°C (86°F)	1.02 (.040) .064 .105 .143 .110	1.27 (.050) .072 .130 .140 .084	0.76 (.033) .062 .096 .115 .087	1.90 (.075) .087 .235 .174 .110
Tensile Strength kPa (psi) ASTM D638	8798 (1276)	11008 (1597)	9632 (1397)	8966 (1300)
Tear Strength kN/m (lbf/in) ASTM D1004-93	51 (292)	44 (252)	58 (332)	37 (211)
Temperature Range °C (°F) With Loss Factor >0.3 ASTM D4065, (14°F to 140°F) Shear Mode 10Hz	-18 to 71 (0 to 160)	0 to 52 (32 to 125)	-18 to 71 (0 to 160)	-10 to 60 (14 to 140)
Recommended Max. Intermittent °C (°F)	107 (225)	107 (225)	107 (225)	125 (257)
RoHS Directive 2015/863/EU Compliant	Yes	Yes	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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