

## 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				
PROPERTY	SD	C-2003	C-2206	NV-7500S
<b>Density Nominal kg/m<sup>3</sup> (lb/ft<sup>3</sup>)</b> ASTM D792	1682 (105)	1714 (107)	1682 (105)	1842 (115)
<b>Flammability</b> 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
<b>System Loss Factor at 1000 Hz on 62 mil Aluminum</b> Thickness mm (in) ASTM E756-93	1.02 (.040)	1.27 (.050)	0.76 (.033)	1.90 (.075)
@ 0C (32F)	.064	.072	.062	.087
@ 10C (50F)	.105	.130	.096	.235
@ 20C (68F)	.143	.140	.115	.174
@ 30C (86F)	.110	.084	.087	.110
<b>Tensile Strength kPa (psi)</b> ASTM D638	8798 (1276)	11008 (1597)	9632 (1397)	8966 (1300)
<b>Tear Strength kN/m (lbf/in)</b> ASTM D1004-93	51 (292)	44 (252)	58 (332)	37 (211)
<b>Temperature Range C (F)</b> With Loss Factor > 0.3 ASTM D4065, (14F to 140F) Shear Mode 10Hz	-18C to 71C (0F to 160F)	0C to 52C (32F to 125F)	-18 C to 71C (0F to 160F)	-10C to 60C (14F to 140F)
Recommended Max. Intermittent	107C (225F)	107C (225F)	107C (225F)	125C (257F)
<b>RoHS Compliant</b>	Yes	Yes	Yes	Yes

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.

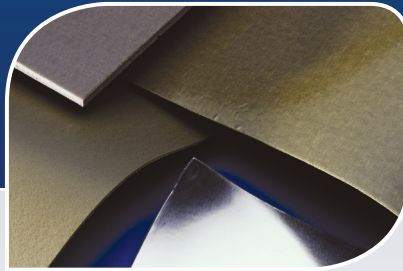
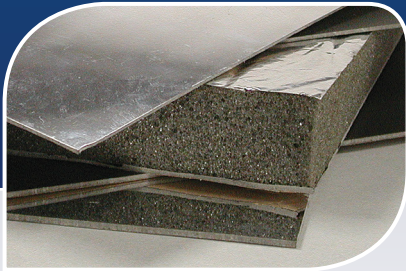
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## DAMPING MATERIALS

Material Summary Sheet 4



**Offering solutions for a wide range of applications such as...**

Office equipment

Heavy equipment

Appliances

Commercial vehicles

