

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	NV-7520-100SM	C-2206PSA-50TF
Description Foam Layer	25.4 mm (1.0 in) Urethane Foam w/ Alum. Polyester	12.7 mm (0.5 in) Urethane Foam
Solid Layer	1.9 mm (0.075 in) Urethane Damping Material	0.76 mm (0.030 in) Vinyl Damping Material
Weight Nominal kg/m² (lb/ft²)	4.75 (0.97)	2.25 (0.46)
Flammability UL 94, solid layer UL 94, foam layer	Listed V-0 Listed HBF	Listed HB Meets HF-1
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	-10C to 60C (14F to 140F)	-18C to 71C (0F to 160F)
Recommended Max. Intermittent	125C (257F)	107C (225F)
RoHS Compliant	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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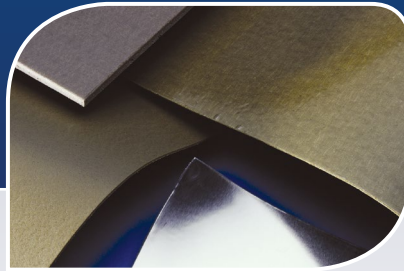
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DAMPING COMPOSITES

Material Summary Sheet 5



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

Commercial vehicles

Buses and RVs

Machinery Enclosures

Medical Products