



THERMAL- ACOUSTIC CONTROL MATERIALS



ISODAMP CN damping tiles - The commercial equivalent of Type II, Class 2 Navy Damping Tile, qualified under military specification MIL-P-23653C (SHIPS). Available in thicknesses from .12-inch to .58-inch, CN tiles exhibit high mechanical strength and environmental resistance properties. Compatible with numerous adhesive systems designed for vinyl materials, they are applied with labor-saving extensional damping techniques to thick, heavy substrates, to control primary structureborne noise sources.

With excellent physical properties, ISODAMP CN materials are widely used in marine application, for constrained-layer damping of thick substrates, such as power equipment foundations, housings, hull bottoms and tank tops.

Family	Description	Thick (in)	Size (in) unless indicated	Unit	Weight (lb/sq ft)
ISODAMP CN SHEET	CN-12PSA	0.125	27 x 48	SHEET	0.90
ISODAMP CN TILE	CN-12	0.125	12 x 12	TILE	0.90
	CN-38	0.350	12 x 12	TILE	2.70
	CN-62	0.560	12 x 12	TILE	4.50

ISODAMP CN		Tensile Strength (psi) ASTM D638		1987
Density Nominal (pcf) ASTM D792	93	Tear Strength (lbf/in) ASTM D1004-93		375
Flammability UL 94	Meets V-0	Elongation (%) ASTM D638		23
FAR 25.853(a) Appendix F Part I (a) (1) (ii) (12 sec)	—	Temperature Range (F) Peak Performance		35 to 115
FMVSS-302	Meets	Recommended Max. Intermittent		225
Canadian Stds. Assn. (CSA)	—	RoHS Compliant		Yes
System Loss Factor at 1000 Hz on 62 mil Aluminum Thickness (in) - .060	.140 @ 32F	.270 @ 50F	.210 @ 68F	.120 @ 86F

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