

Material Summary Sheet

Sound Damping Materials



Novidamp® damping materials reduce resonant vibrational energy in structures and panels, therefore reducing sound energy emanating from them. The broad range of Novidamp sound damping materials offers excellent performance under diverse environmental conditions. All Novidamp® damping materials also increase sound transmission loss (sound stopping ability) by increasing system mass. From thin, lightweight structures to fiberglass FRP

- construction to thick heavy steel, Novicon Novidamp® products have you covered.
- Choices available for extensional, constrained layer or composite construction
 - Maximum performance with minimal weight
 - Flexible, conforming and tough
 - All products available with adhesive back
 - Custom configurations and thicknesses available upon customer request

	CLD-03	CLD-06VL-03AL	CLD-08VL-03AL	ED-10J PSA	NB-06B PSA	NB-20B PSA
Application	Constrained layer (interlayer) for FRP fiberglass construction	Extensional visco-elastic damper for thin lightweight structures	Extensional visco-elastic damper for medium structures	Extensional sheet damper for medium structures	Economical extensional sheet damper for light to medium structures	Economical extensional sheet damper for heavy structures
Description	Thin, flexible proprietary viscoelastic fabric sandwich	Proprietary viscoelastic with aluminum constraining layer	Proprietary viscoelastic with aluminum constraining layer	Flexible vinyl compound with PSA backing	Mineral filled bitumen with clear facing and PSA backing	Mineral filled bitumen with clear facing and PSA backing
Thickness	.030"	.060"	.080"	.100"	.079"	.200"
Color	Beige	Black / silver	Black / silver	Black	Black	Black
Flammability MVSS302	Meets	Meets	Meets	Meets	Meets	Meets
Self Extinguishing	Yes	Yes	Yes	Yes	Yes	Yes
Material Loss Factor	Extremely high	Extremely high	Extremely high	High	High	High
Temperature Range Peak Performance	40°F - 160°F	20°F - 180°F	20°F - 180°F	32°F - 120°F	32°F - 130°F	32°F - 130°F
Maximum Continuous Temperature	230°F	275°F	275°F	220°F	200°F	200°F
Maximum Intermittent Temperature	250°F	400°F	400°F	230°F	220°F	220°F

The above data are typical values based on manufacturer or independent tests and are indicative only of the results obtained in those tests. They should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.