

FLEXIBLE MASS ISOLATION SOLUTION

WE CAN SOLVE YOUR NOISE AND VIBRATION PROBLEMS.

Our flexible mass material is an isolation solution. This solution is low surface weight, high performance damping composites for structural applications. They are specifically engineered for damping at temperatures between 10°F to 100°F depending on the limpness, stiffness or flexibility requirements. This solution is designed to address structure-borne noise and other resonant vibration issue.

TYPICAL APPLICATIONS

DTI is a leading global innovator and manufacturer of application-specific passive damping systems that solve your noise and vibration issues for applications such as:

TRIM PANELS

CABINS

FLOOR PANELS

ENGINE BAYS

EQUIPMENT ENCLOSURES

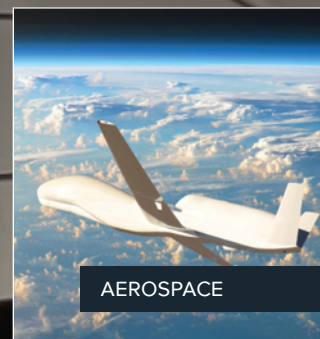


NOISE + VIBRATION CONTROL SOLUTIONS

MARKETS WE SERVE

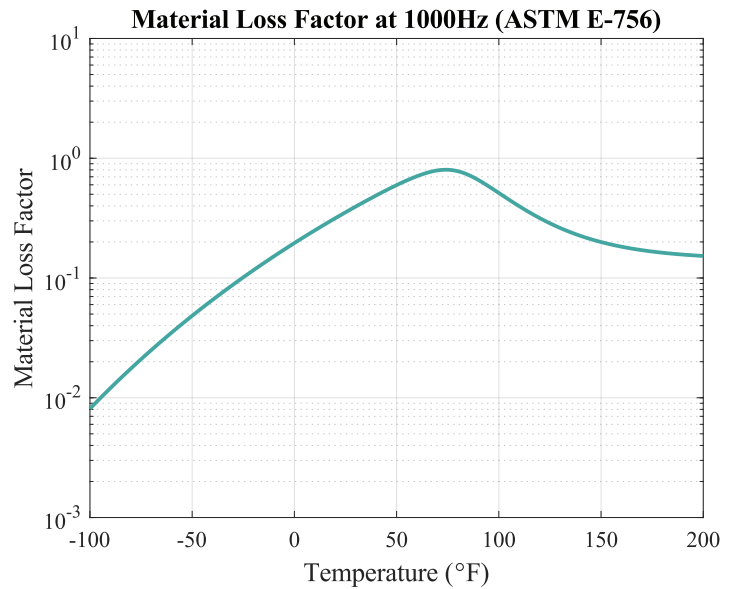
Don't let noise and vibration problems put you behind the competition.

DTI's flexible mass isolation solution is suitable for a wide variety of demanding applications. From development to aftermarket, we're built to perform everywhere:



TYPICAL PROPERTIES

PROPERTY	FM1000
Thickness (in mm) Type A Durometer 23C (73F) 15 sec impact	0.03 (0.762) 73
Compression Load Deflection psi (kPa) ASTM D575 at 0.2 in/min (0.51 cm/min))	
10% psi (kPa)	10 (71)
20% psi (kPa)	86 (591)
30% psi (kPa)	221 (1523)
Compression Set (%) ASTM D395 Method B	
22 hr at 72F (22C)	76
22 hr at 158F (70C)	84
Tensile Strength psi (hPa) ASTM D412	566 (3902)
Tear Strength lbf/in (kN/m) ASTM D624	171 (30)
Flammability Test UL 94 0.06 in. (1.5 mm) thick 0.125 (3.2 mm)	Listed V-0
FMVSS-302	Pass
FAR 25.856 (a) Appendix F Part VI	Pass, (0 after flame & propagation)
FAR 25.853 (a) Appendix F Part I Para (a)(1)(iv)	Pass, (does not ignite)



HIGH PERFORMING SOLUTIONS

Give us a call to discuss product selection, an iteration or engineered solution that supports your application.

DTI designs and manufactures noise and vibration control solutions that outperform competitor alternatives, and has been addressing noise and vibration problems in the world's most demanding applications for more than 30 years.

THE DTI DIFFERENCE IS CLEAR



LIGHTEST WEIGHT SOLUTIONS IN THE INDUSTRY



EASY TO INSTALL



DURABLE TECHNOLOGY NO MAINTENANCE OR SERVICE COSTS



COST-EFFECTIVE OPTIMIZED SOLUTIONS



ZERO OPERATING COSTS



MINIMAL SPACE REQUIREMENTS

CONTACT US

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