



# ITT

## Elastomeric Technologies



*Engineered for life*

Enidine developed HERM mounts for NAVY cabinet isolation and rafted deck systems. They have successfully passed barge testing and reduced shock inputs to levels compatible with COTS equipment.

- HERM (14 Hz Deck)
- Standard Product Selection
- Shipboard Design Expertise
- Systems Analysis and Integration
- Multi-Axis Isolation
- Minimum Sway Space



Enidine has developed isolation systems for electronics equipment used on Military and Aerospace vehicles. Special attention was given to off-road shock and vibration inputs. These isolation systems are proving to be cost-effective and maintenance-free solutions for our customers.

- Standard Elastomer Products
- High Damped Elastomers
- Cup Mounts
- All Attitude Mounts
- Multi-Planes
- Dome Mounts



Enidine developed the isolation system for a new aircraft auxiliary power unit. This mounting system passed rigorous shock and vibration testing during qualification and has proven to be a durable and maintenance-free solution.

- Custom Design Expertise
- Broad Temperature Range
- Reliable Design Construction
- Wire Mesh Expertise
- Value Added Assemblies
- Standard Elastomer Products



Enidine developed an aircraft interior noise isolator for stow bin supports. A special elastomer was developed to provide the proper mount performance including stringent smoke and toxicity requirements.

- Standard Rod Ends
- Various Panel Isolators
- Traditional and 4-Pole Test Methods
- Low Toxicity Isolators
- Lightweight Designs
- Flame Resistant Isolators
- In-House Test and Measurement



Enidine developed large displacement isolators to protect next generation missile systems. A special elastomer was developed (Enitemp IV) to provide excellent shock isolation under a wide range of environmental conditions.

- Cold and Hot Temperatures
- Large Displacement
- NBC Compatible
- Systems Analysis and Integration
- Rugged Design and Construction
- Long Life



# APPLICATIONS



## SHIPBOARD (MILITARY, COMMERCIAL)

- Shock: MIL-S-901
- Vibration: MIL-S-167
- Noise Reduction: MIL-S-740-1-2
- Low Frequency Deck Applications
- Standard Product Solutions
- Failsafe Designs
- COTS Equipment
- Marine Electronics
- Mission Critical Systems
- Piping, Pumps and Motors
- Deck Isolation
- Cabinet Isolation



## MOBILE ELECTRONICS (MILITARY, COMMERCIAL, INDUSTRIAL)

- Shock and Vibration: MIL-STD-810
- Munson Road Course
- Drop Testing
- Temperature Extremes
- Environmental Conditions
- Commercial and Military Electronics
- Disk Drives
- Computer Consoles
- Flat Panel Displays
- Communications Equipment
- Mobile Business Systems



## ENGINE ISOLATION (MILITARY, COMMERCIAL, INDUSTRIAL)

- Shock
- Vibration
- Noise
- Harsh Environments
- Custom Materials for Optimal Performance
- APU (Aerospace and Military Vehicles)
- Turbines
- Internal Combustion Engines
- Motor/Generator Sets
- Off-Highway Equipment
- Truck and Bus



## NOISE ATTENUATION (MILITARY, COMMERCIAL, INDUSTRIAL)

- Low and High Frequency
- Custom Elastomers (Noise, Temperature, Smoke and Toxicity)
- Structural Elements
- Alignment Forgiveness
- Galley Equipment (Carts and Chillers)
- Aircraft Interiors
- Industrial Vehicles
- Cabin Noise Control
- Equipment Support



## TRANSPORTATION/SHIPPING (MILITARY, INDUSTRIAL)

- Shock and Vibration: MIL-STD-810
- Drop Shock
- Off Road
- Smooth Highway
- Rail Transport
- NBC Compatible
- Military Shelters
- Shipping Containers
- Engine Transport
- Missile Systems
- Industrial Equipment
- Computers and Electronics

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