

Protect Sensitive Equipment:

Since its foundation, RIDE Inc. has specialized in the design of state-of-the-art shock mounts and isolators. These components work to prevent harsh vibrations from affecting sensitive equipment such as downhole directional drilling instrumentation and keep noise and shock levels to a minimum in critical defense applications. RIDE Inc. uses the hot vulcanized transfer molding process to ensure a completely bonded surface that exceeds the strength of the elastomer. RIDE shock mounts and isolators are custom designed for each customer, suiting some of the most difficult loadings, load rates, and environmental conditions. Our products have been qualified to several military specifications and deployed in a number of applications including onboard US nuclear submarines.



Technical Specifications:

RIDE has developed shock mounts ranging in size from under one inch to over twenty inches, allowing them to be custom built to your specified design application. RIDE shock mounts and isolators can be loaded radially as well as axially, and designed for any stiffness or dampening need. Once produced, each component is then tested using our own highly specialized servo-hydraulic testing machine for quality and durability, including large deflections up to 100 kip in 50 milliseconds.



Harsh Environment Applications:

- Seawater
- Oil and Gas
- General Purpose Vibration Isolation

SHOCK LOAD DEFLECTION

