



# COMPRESSION MOLDED FRP RACKMOUNT CASES



Custom rackmount cases provide rugged durability, versatile sizing, and superior shock and vibration protection. Made from fiber-reinforced polymer (FRP), these compression-molded cases feature 65% glass fiber reinforcement within a thermoset polyester resin base for exceptional impact resistance.

Designed for military and industrial electronics, they offer unmatched adaptability for various configurations. Watertight and built for harsh conditions, these cases protect against moisture, salt spray, sand, and dust, while resisting fuels, oils, and solvents.

They can also be decontaminated after exposure to chemical agents. Engineered for reliability, these cases perform flawlessly in extreme environments worldwide.

MATERIAL	COMPRESSION MOLDED FRP RACKMOUNT CASES	ROTATIONALLY MOLDED LLDPE
Tensile Strength	33,500 PSI	4,000 PSI
Tensile Modulus	2,431,000 PSI	75,000 PSI
Flexural Strength	46,900 PSI	N/A
Flexural Modulus	1,994,000 PSI	175,000 PSI
Thermal Deflection	392°F	122° F
Sizes	ENDLESS	Driven by Tool Size
Custom Features	Rapid Decompression Discs, Air Valve, Fork Tubes, Gaskets, Casters, Hoist Rings, Desiccant Holders, Specialized Isolation Systems, Endless Specified Options	N/A



## TESTING:

Testing including but not limited to requirements listed below in accordance with: MIL-STD-810H, MIL-STD-1472(H)\*, MIL-PRF-28800 (F)\*

- » High / Low Temperature
- » Drop Testing
- » Vibration
- » Loose Cargo Bounce
- » Water Submersion
- » Fungus Growth
- » Low Pressure

\* Dependent on how case is equipped

## FEATURES:

- » Customizable Rack Heights
- » Slide-Out, Fixed, or Rigid Inner-Frame Options
- » Cylindrical or Hemispherical Shock Mount Configurations
- » Customizable Rack Depths
- » Surface Mount or Recessed Handles
- » Customizable Lid Depth Options
- » Customizable Stacking
- » Available Caster Options
- » 10+ Colors
- » Watertight

## APPLICATIONS:

- » Servers
- » Modems
- » Routers
- » Communications
- » UPS
- » Sound Equipment

