



# VIP TRANSIT CASES



The Vacuum Infusion Process (VIP) by ECS provides superior protection for oversized equipment during storage and shipping. Using vacuum-assisted resin transfer molding, VIP creates void-free, high-performance composites with exceptional durability. Designed for large solutions, these custom-engineered cases feature molded-in stacking, forklift access, and options for added rigidity without altering the laminate schedule.

With its ability to handle complex molds and demanding applications, VIP ensures precision and reliability, making it ideal for heavy-duty needs. This innovative process reflects ECS's commitment to delivering advanced, tailored solutions for the toughest challenges in storage and transport.

MATERIAL	VIP RACKMOUNT & TRANSIT 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:

- » Shock & Vibe Protection Options
- » Customizable Sizes
- » Standard & Inverted Options
- » Surface Mount or Recessed Handles
- » Customizable Lid Depth Options
- » Customizable Stacking
- » Available Caster Options
- » 10+ Colors
- » Watertight

## APPLICATIONS:

- » UAV Transport & Storage
- » Submersible Vehicle Transport & Storage
- » Military / Industrial / Commercial Equipment of Any Size