



Vacuum Infusion Process Protect and Infuse

THE NEXT BIG DEAL

Vacuum Infusion Process (VIP) is the latest innovation from ECS. VIP products are very large and uniquely crafted closure systems designed to provide the ultimate protection supporting oversized equipment for storage and shipping. Our VIP containers are custom engineered vacuum assisted resin transfer molded composites designed with unparalleled attention to detail. The process is a technique used to manufacture high performance, void free composites and is especially suitable for large or complicated molds.



IDEAL CUSTOMER

- UAV
- Military
- Oversized Equipment
- Aerospace

FEATURES

- Large Transports
- Suited For 4'x4'x4' or Larger
- Long-Term Storage

THE ECS DIFFERENCE

	ECS TRANSIT CASES	COMPETITORS TRANSIT CASES
MATERIAL	VIP - Fiberglass Reinforced Polyester	Rotationally molded LLDPE
TENSILE STRENGTH	33,500	4,000
TENSILE MODULUS	2,431,000	75,000
FLEXURAL STRENGTH	46,900	N/A
FLEXURAL MODULUS	1,994,000	175,000
THERMAL DEFLECTION	392	122
SIZES	Endless	Driven by tool size
CUSTOM FEATURES	Rapid Decompression Discs, Air Valves, Fork Tubes, Gaskets, Casters, Hoist Rings, Desiccant Holders, Specialized Isolation Systems, Specified Custom Options.	





UNIQUE DESIGN

Like all ECS products, these container systems are uniquely designed to meet specific needs of customers and meet or exceed rigorous standards including military standards. With the addition of the VIP line, ECS has a new solution to design and build ruggedized packaging able to house and ship items including unmanned vehicles, weaponry, missiles, sensitive communications equipment, engines, propellers and much more. The new product line is especially suited for container systems that are 4'x4'x4' and larger in markets including UAV, aerospace, military, mining and construction. The product features a revolutionary new closure system, is corrosion resistant and reflects unparalleled attention to detail.

HIGH PERFORMANCE HARDWARE

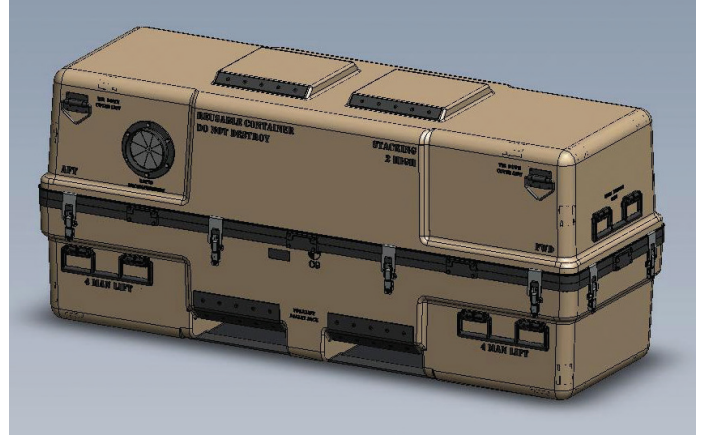
All hardware is recessed for maximum protection. Latches, custom brackets and rivets are stainless steel. Ergonomic acetal copolymer handles with UV inhibitor have comparable strength to steel at half the weight. An automatic air pressure relief valve protects the case and enclosed electronic equipment from rapid compression and decompression during transportation.

COLORS AND OPTIONS

ECS VIP Cases are available in military colors, earth, desert tan, black, olive drab and gray. Options are available including everything imaginable...from casters, slides, drawers, and work surfaces, ventilation systems, and exterior plug receptacles.

MODULAR STACKABILITY OF ALL LOADMASTER® CASES

- Strong Laminate: Vacuum removes air, excess resin and volatiles
- Light: High glass ratio, reduced excess resin
- Thickness Control: Increased laminate compression during cure
- Void Free: Vacuum process removes excess air in composite shells
- Thickness: Wall thickness up to 1/2"
- Flexibility: More flexible than aluminum
- Reinforced: Reinforcement features can be molded into shells
- Custom Pigment: Shells can be pigmented and silkscreened to customer specifications
- Field repairable
- Transportability/Dual point lifting
- Hermetically sealed
- Corrosion, chemical, fuel and UV resistant
- CCONUS/OCONUS
- MTMCTEA



MIL-STD-810G PERFORMANCE TESTING FOR:

- High and Low Temperature
- Drop Testing
- Transportation Vibration
- Loose Cargo Bounce
- Water Submersion/Wind Blown Rain
- Fungus Growth
- Low Pressure

FOR DETAILED SIZES AND SPECS VISIT ECSCASE.COM