



Tote Cases Protect on the Move

MOBILE PEACE OF MIND

We know it's not always easy to stay in one place, which is why ECS offers a tote option for most of its product lines.

From Rotomold cases, to custom containers, and now, our Half Rack case, we have a totable solution.

As with all ECS product lines, our tote cases provide protection from moisture, salt spray, sand and dust throughout the world's climate extremes. Impervious to fuels, oils and solvents, they can also be decontaminated if exposed to chemical warfare agents.

IDEAL CUSTOMER

- Transit
- Commercial
- Military

FEATURES

- ATA Light Weight
- Strength
- Meets MIL-STD-810G

THE ECS DIFFERENCE

	ECS TOTE CASES
MATERIAL	Rotationally Molded LLDPE
TENSILE STRENGTH	4,000 PSI
TENSILE MODULUS	75,000 PSI
FLEXURAL STRENGTH	N/A
FLEXURAL MODULUS	105,000 PSI
THERMAL DEFLECTION	122 °F
SIZES	Up to 150 lbs.
MATERIAL	TSC - Glass mat fiberglass in polypropelene base
TENSILE STRENGTH	14,000 PSI
TENSILE MODULUS	850,000 PSI
FLEXURAL STRENGTH	24,000 PSI
FLEXURAL MODULUS	800,000 PSI
THERMAL DEFLECTION	310 °F
PAYLOAD	Up to 350 lbs.
MATERIAL	VIP - Carbon Fiber - Resin infused Fiberglass
TENSILE STRENGTH	50,100 PSI
TENSILE MODULUS	5,010,000 PSI
FLEXURAL STRENGTH	29,200 PSI
FLEXURAL MODULUS	2,010,000 PSI
THERMAL DEFLECTION	253 °F





TOTAL PROTECTION FROM THE WORLD'S ENVIRONMENTS

Loadmaster® rotomolded case sizes are available with tote handles and casters. Loadmaster® tote cases are modular in size so they are stackable with all other Loadmaster® transit cases and Loadmaster® versions of TSC composite rackmount cases from ECS. Loadmaster® tote cases are ideal for military applications which require uncompromised protection from moisture, dust, sand and battlefield contaminants. Water tight cases provide protection from moisture, salt spray, sand and dust throughout the world's climate extremes. Each case has a water-proof gasket and an automatic air pressure relief valve. Impervious to fuels, oils and solvents, they can also be decontaminated if exposed to chemical warfare agents.

COMPREHENSIVE SHOCK & VIBRATION PROTECTION

Loadmaster® Half Rack Cases provide excellent shock and vibration protection for electronic equipment of all types. TSC composite materials are very rigid under heavy stacking loads and resilient during impacts. Approximately one third of all impact energy is absorbed by the deflection of the TSC enclosure walls before impact forces are transferred to the shock mounts.

SHOCK MOUNTED EQUIPMENT PROTECTION

9.5-inch CEA-310-E compliant racks are suspended within the center bodies of rackmount cases using eight multi-axis elastomeric shock mounts. Shock mounts are configured for the weight and center of gravity of the installed equipment, and they provide uniform performance in all three axes. Optional shock mount configurations and spring rates can be provided to support a broad range of equipment weights and equipment centers-of-gravity.

UNRESTRICTED EQUIPMENT OPERATION

Cases are stackable with covers installed or removed. With covers removed, electronic equipment is accessible front and back for ease of cabling and operation. Exterior stacking features securely engage and prevent shifting of cases. Optional case-to-case pivot latches are available to secure stacked cases together, but they rotate for retention during case shipment.

ADVANCED SHIPPING CASE TECHNOLOGY

ECS Carbon Fiber Shipping Cases have become the standard of excellence and performance for ultra lightweight shipping cases and storage cases required for high value payloads. ECS is able to supply extremely lightweight and nearly indestructible shipping cases in virtually any size while offering a large selection of optional extruded aluminum closures and hardware.

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

