

5.8 METRES OF ENGINEERING PERFECTION!



RACK CASES

WELDED CASES

TRANSIT CASES

DROP BOXES

**STRUCTURAL
DESIGN & IMPACT
PROTECTION**

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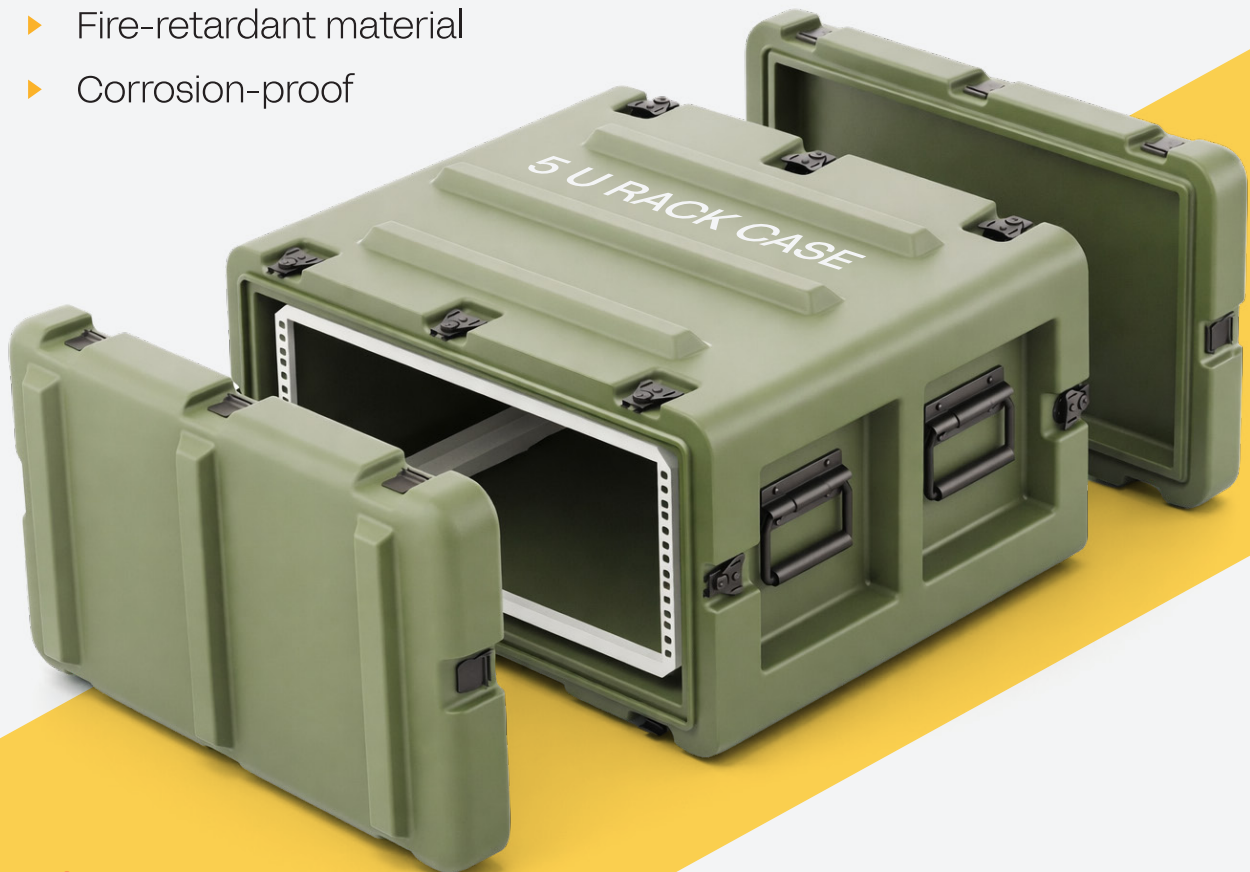
ENGINEERED TO WITHSTAND IMPACT

Carris Extra Tough Cases are designed with 20% reinforced corner construction, enabling effective shock absorption during accidental drops and high-impact handling.

This structural reinforcement helps dissipate impact forces, minimising stress transmission to sensitive equipment during transit and handling.

Performance Attributes

- ▶ Service temperature range: – 40°C to +75°C
- ▶ Absorbs up to **6g shock under full payload**
- ▶ Lightweight yet rugged construction
- ▶ Antistatic construction
- ▶ Fire-retardant material
- ▶ Corrosion-proof



TEST METHODS

Our cases have been intentionally designed to pass all stringent tests as per MIL-STD-810G, JSS 55555, etc. Some of our tests are as follows.

Drop Test

Fungus Resistance Test

Vibration Test

Bump Test

Damp Test

Dry Heat Test

Lifting Test

Static Load Test

Rain Test

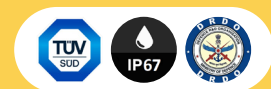
Water Immersion Test

Roadability Test

Toppling Test

Low Temperature Test

Salt Spray Test



ACCESSORIES & CONFIGURATION OPTIONS

Accessories

Carris offers a wide range of accessories to configure cases according to operational needs.

Pressure Relief Valve (PRV)

Stainless Steel Handles

PU Wheels with Brake

Humidity Indicator

Trolley Handles

Castor Wheels

Shock Watch

Wire ropes

Racks

Pressure Relief Valve (PRV)



Wire Rope Isolators

Hardware & Fittings

Stainless Steel Hinges

Toggle Clamps

Lifting Hooks

Shock Indicator

Shock Logger

Rotary Positive Locking Latch



Shock Indicator



Shock Logger

Castor Wheel

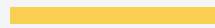


Humidity Indicator



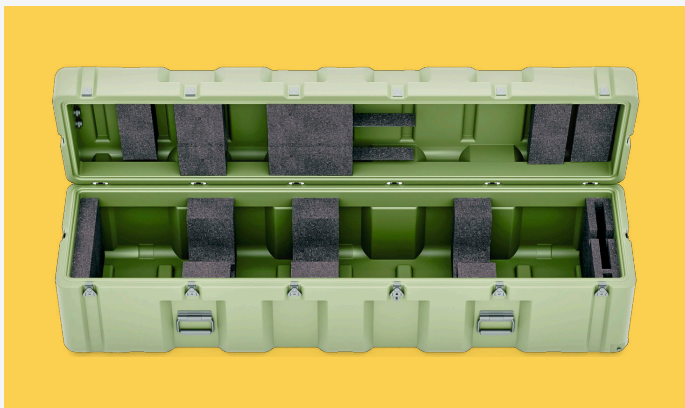
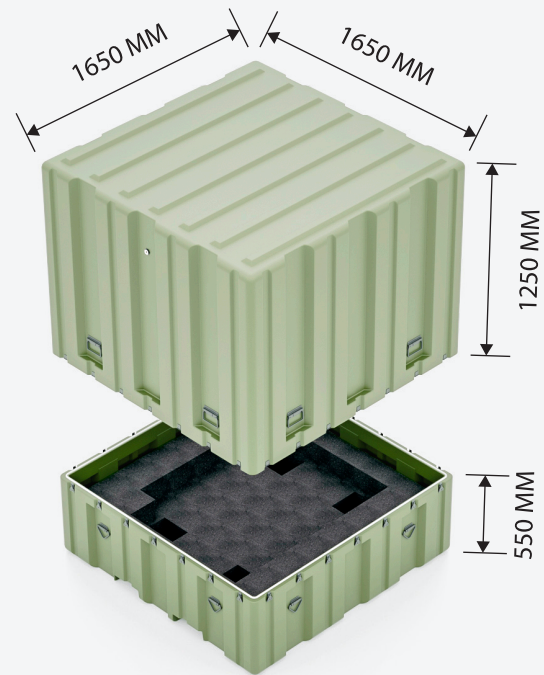
All fittings are selected to ensure durability, safety, and long service life under harsh operating conditions.

INTERNAL FOAM PROTECTION SYSTEMS



TYPES OF FOAM USED

Internal foam systems are customised to protect equipment based on weight, fragility, and application-specific requirements.



EXPANDED POLYETHENE (EPE)

Provides effective cushioning and vibration resistance, ideal for lightweight and moderately sensitive equipment.

Density: 25–35 kg/m³

CROSS-LINKED POLYETHENE (XLPE)

High-density foam offering superior impact resistance, structural strength, and long-term durability for critical equipment protection.

Density: 70–75 kg/m³



OUR MAJOR CLIENTS



Carris

EXTRA TOUGH CASES



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