Superior Shipping Protection
FOR FRAGILE INSTRUMENTS AND ELECTRONICS

Pelican-Hardigg™ Rack Mount Cases are world renowned as the toughest, smartest transport systems available for commercial, industrial and military shippers. Our innovative design process and rigorous testing methods continue to result in superior patented advancements that ensure your vital, sensitive and expensive electronics remain protected. Pelican-Hardigg™ Rack Mount Cases can take repeated drops, blows and soakings while protecting your gear. When it comes to electronics, nothing protects better than a Pelican-Hardigg™ Rack Mount Case. From the ultimate protection of the Classic Rack case, to the removable rack option offered by the SuperMAC™ Rack case, to the smaller footprints of the MAC Rack™ and ProRack™ cases, Pelican-Hardigg has the solution to fit your exact shipping and protection requirements.

All Pelican-Hardigg™ Rack Mount Cases boast rugged rotomolded exterior shells that withstand all kinds of abuse, drop after drop, in every environment – damage free.

Extensive computer aided drop tests are performed at our South Deerfield test labs.
# G Fragility Rating

The lower the G rating of equipment = a greater level of protection needed.

## G - Rating Examples

<table>
<thead>
<tr>
<th>Classification</th>
<th>Fraility (Shock and vibration levels)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely Sensitive</td>
<td>Inertial Navigation Equipment (Gyrosopes)</td>
</tr>
<tr>
<td>Very Delicate</td>
<td>Electro-Optical (101-152 mm) Precision Test Equipment</td>
</tr>
<tr>
<td>Fragile</td>
<td>General Electro-Mechanical Medical and Biological Diagnostic Tower computers, Color TV Cameras High End Rack Mount Electronics, Printers</td>
</tr>
<tr>
<td>Moderately Fragile</td>
<td>Solid-State Circuit Electronics Radar and Microwave Antennas Audio-Visual Projectors, Aircraft Engines General Rack Mount Electronics</td>
</tr>
<tr>
<td>Rugged</td>
<td>PC Boards, PC Monitors, Refrigerators, Microwave Ovens, Control &amp; Metering Valves Cameras, Emergency Rescue Gear</td>
</tr>
<tr>
<td>Very Rugged</td>
<td>Most Small Appliances, Pelican Flashlights, Tools, Guns</td>
</tr>
<tr>
<td>Cell Phone</td>
<td></td>
</tr>
</tbody>
</table>

The fragility of an item is normally expressed in “G” units. G units are a measure of the force exerted on bodies by the earth’s gravitational pull. Products with a larger g-force rating require less protection from shock and vibration. For instance, an item with 20 G fragility will suffer damage when subjected to a force 20 times that of normal earth gravity. The fragility of an instrument or piece of equipment is usually determined by laboratory testing.

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**Pelican-Hardigg Classic Rack Case**

Used for extremely delicate and heavy diagnostic equipment that needs to travel but cannot withstand shock or vibration.

**Pelican-Hardigg SuperMAC Case**

Used for fragile equipment that needs to travel but cannot take shock or vibration. It also needs to fit a narrow space.

**Pelican-Hardigg MAC Rack Case**

Used for moderately fragile equipment that needs shock protection and is used in a tight working space environment.

**Pelican-Hardigg BlackBox Case**

Used for rugged, light weight equipment so a photographer can get equipment to the job site.

**Pelican-Hardigg ProRack Case**

Used for very rugged light weight equipment that needs a travel case to keep it dry and dust free during transport.
# PELICAN-HARDigg™
## Rack Mount Roto-Molded Cases

<table>
<thead>
<tr>
<th></th>
<th>Classic Rack Case</th>
<th>SuperMAC™ Case</th>
<th>MAC Rack™ Case</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(60 Case Variations)</td>
<td>(21 Case Variations)</td>
<td>(54 Case Variations)</td>
</tr>
<tr>
<td>SWAY SPACE</td>
<td>2” sway space</td>
<td>1” sway space</td>
<td>0.85” sway space</td>
</tr>
<tr>
<td>FRAME</td>
<td>Heavy duty reinforced threaded aluminum frame</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Higher payloads can be engineered)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G - RATING</td>
<td>15 - 30 G</td>
<td>40 - 70 G</td>
<td>50 - 80 G</td>
</tr>
<tr>
<td>SHOCK PROTECTION</td>
<td>Extreme Heavy Duty</td>
<td>Medium/Heavy Duty</td>
<td>Medium Duty</td>
</tr>
<tr>
<td></td>
<td>The best shock and vibration protection available</td>
<td>Better shock and vibration protection</td>
<td>Good vibration protection</td>
</tr>
<tr>
<td>SHOCK MOUNTS</td>
<td>Cylindrical shock mounts isolate equipment from vibration and the shock from impact forces.</td>
<td>Solid rubber block shock mounts isolate equipment from vibration and the shock from impact forces.</td>
<td>Cylindrical shock mounts isolation equipment from vibration.</td>
</tr>
<tr>
<td>SHOCK AND VIBRATION PROTECTION</td>
<td>Delivers maximum level of shock and vibration protection in the widest range of sizes and optional accessories.</td>
<td>Delivers a smaller width case body for space saving but still includes shock and vibration protection.</td>
<td>Delivers a case with good vibration protection using shock mounts.</td>
</tr>
<tr>
<td>USES</td>
<td>Military Rapid Deployment, Memory Storage Devices, Precision Lab Equipment, Calibrated Diagnostic / Testing Gear, Aerospace Instrumentation</td>
<td>Military Rapid Deployment, Control Consoles/ Panels, Radar/Microwave Antennas, Solid State Electronics, Television Communications Equipment</td>
<td>Military Rapid Deployment, Field-Deploy Applications, Control Consoles/ Panels, Broadcast Equipment</td>
</tr>
<tr>
<td>CONFIGURATION</td>
<td>Fully Configurable (Made to Order and Customizable)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33” Classic-V Rack Case</td>
<td>24” Super-V Rack Case</td>
<td>BlackBox Case</td>
<td>ProRack™ Case</td>
</tr>
<tr>
<td>------------------------</td>
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</tr>
<tr>
<td><strong>Case Variations</strong></td>
<td><strong>Case Variations</strong></td>
<td><strong>Case Variations</strong></td>
<td><strong>Case Variations</strong></td>
</tr>
<tr>
<td>(5 Case Sizes)</td>
<td>(7 Case Sizes)</td>
<td>(7 Case Sizes)</td>
<td>(4 Case Sizes)</td>
</tr>
</tbody>
</table>

### Case Sizes
- 3U, 4U, 5U, 7U, 9U
- 3U to 5U = 80-100 lbs.
- 7U to 9U = 100-170 lbs.

### Payload
- 3U, 4U, 5U = 80-100 lbs.
- 7U to 14U = 100-170 lbs.

### G-Rating
- 15 - 30 G
- 40 - 70 G
- 50 - 80 G
- N/A

### Shock and Vibration Protection
- **Extreme Heavy Duty**: The best shock and vibration protection available
- **Medium/Heavy Duty**: Better shock and vibration protection
- **Medium Duty**: Good vibration protection (up to 170 lbs.)
- **Light Duty**: Basic transport and protection from the elements

### Shock Mounts
- Cylindrical shock mounts isolate equipment from vibration and the shock from impact forces.
- Solid rubber block shock mounts isolate equipment from vibration.
- Cylindrical shock mounts attached directly to the case wall to isolate equipment from vibration as well as impact forces.
- Cylindrical shock mounts isolate equipment from vibration as well as impact forces.
- No shock mount system; aluminum rack mounted to case body.

### Uses
- Military Rapid Deployment, Memory Storage Devices, Precision Lab Equipment, Calibrated Diagnostic / Testing Gear, Aerospace Instrumentation
- Military Rapid Deployment, Control Consoles/Panels, Radar/Microwave Antennas, Solid State Electronics, Television Communications Equipment
- Military Rapid Deployment, Field-Deploy Applications, Control Consoles/Panels, Broadcast Equipment
- Industrial and consumer square hole rack applications. These racks support both standard mount equipment (SAE or M6).
- Radios and Amplifiers, Solid State Equipment, Field Testing Equipment
- Semi-Fragile Medical Equipment, Radios and Amplifiers, Field Deployed Test Equipment

### Configuration
- **Fully Configurable**: (Made to Order and Customizable)
- **Off-the-Shelf**: (In stock and ready to ship)
- **Off-the-Shelf**: (In stock and ready to ship)
- **Off-the-Shelf**: (In stock and ready to ship)
- **Configurable and Made to Order**
### Hardware - Catch & Strike Latches

- **Cobalt Black Plate Zinc**
  - Zinc is low cost with strong strength. This hardware is colored shiny for visual affect.

- **Black Oxide Plated Stainless Steel**
  - Stainless steel is corrosion resistant. This hardware is colored matte for visual affect.

### Security

- **Lockable Cable Catch**
  - One (1) set of four (4) cables per case. Allows the case to be padlocked shut. The cable is made of tamper-resistant aircraft steel.

- **Pressure Relief Valve (PRV)**
  - With Closed Loop Gasket
  - The manual PRV button is used to maintain correct pressure differential. Pressure range: +/- 0.5 PSID

- **Humidity Indicator**
  - Indicates 20%, 30%, and 40% relative humidity ranges. Color changes when inside humidity exceeds the indicated level. Resets as humidity decreases; used along with PRV.

### Handles

- **Heavy Duty Handle**
  - Comfort grip handle, rustproof HDPE, recyclable, light weight, 150 lb. lift/handle.

- **Extra Handles. (3 & 4 Hole)**
  - 90° stop handle. Yellow Zinc plate or stainless steel (black finish).
  - 3-hole 35 lb. lift/handle
  - 4-hole: 150 lb. lift/handle

### Lifting and Stacking Options

- **Lift / Tie Down Rings**
  - Hoisting and tie down attachment points. 2” (50 mm) diameter clearance for hooks, spring loaded, pivots 180 degrees. Plated Steel and Stainless Steel (1000 lb./ring rating).

- **Coupling Catches**
  - Built in attachment system latching one case to another for secure stacking.

- **E-Buckle**
  - Built in attachment system latching one case to another for secure stacking.

### Cards, Labels and Stencils

- **Front Labels**
  - A set of two labels

- **Standard Labels**

- **Custom Stenciling**
  - Per MIL-I-43553, Black, White, Yellow. One color per case.

- **Card Holder**
  - Set of metal holders for shipping card.
  - 2-3/8” x 5-3/8” (60 x 136 mm) or 4” x 6”, (102 x 152 mm)

- **ID Plate (Type H, Style IV)**
  - Per MIL-P-15024, Size 10 4” x 4” x .020” (102 x 102 x 0.5 mm), aluminum fastener attached.

### Other Options

- **Threaded Rack Clips**

- **Panel Screw With Washer**

- **Lid Storage Pouch**
  - Zippered pouch for storing cables and accessories in front and/or rear lids.

- **Leg Kit**
  - For chair or table.

- **Lid Hangers**
  - Store lids on side of case when case is open. Set of four (4) hangers for two lids.
Rack Frame Options

**Fixed Bottom Support Rails**
- These aluminum supports installed on the bottom of the rack, front to back.

**Adjustable Vertical Supports**
- These aluminum supports installed on the side walls of the rack, top to bottom.

**Adjustable Horizontal Supports**
- These aluminum supports installed on the side of the rack, front to back.

**1/8” Wider Frame**
- Typically used with slides mounted on inside of upright.

**Removable Rack System**
- This option is only available on Classic Racks and SuperMAC™ racks.
  (see page 15 for more info)

Shelves and Drawers

**1U Filler Panel**
- 16-gauge aluminum, brushed black finish. Available in 1U, height 1.75” (44.45mm).

**Drawers**
- 19” rack-mountable with drawer slides, 14 inches (356 mm) deep, key lockable. Available in 2U, 3U, and 4U heights. U=1.75” (44.45mm).

**Keyboard Tray**
- Comfortable standard size keyboard. 24” (610 mm) wide, 12 inches (305 mm) deep. Attaches to case front catches.

**Rack Slides**
- Compact solid bearing slides. Used to mount equipment directly into rack, or to mount drawers and shelves. (85lb. capacity), sold in pairs.

**Shelves**
- Fixed and sliding shelves available. (35 lbs. per shelf)

**Rear Rack Frame**
- For ProRack™ cases only.

Rolling Features

**Locking Swivel Casters**
- Button release QuickClip™ swivel casters, removable or fixed. 3.5” or 5.0” wheel diameters.

**Caster Mounting System**
- Enhances the bottom panel strength of rack cases, while providing the same button-release convenience of the QuickClip™ caster plate.

**Caster Storage in Lid**
- Holds four (4) casters on one (1) machined aluminum extrusion with mounting hardware (5’ lid only).

**Edge Casters**
- Two (2) wheel housings, on bottom edge of case for cart-like movement. Load limit is 60 lbs./wheel.

Optional Colors for All Rack Cases

- Gray – 133
  Fed Std 26270
- Tan – 250
  Fed Std 28372
- Blue – 135(L)
  Pantone 292U
- White – 132
  Fed Std 27925
- Yellow – 136
  Pantone 812U
- Green – 138(forest)
  Fed Std 24052
- Orange – 134
  Fed Std 12197
- Yellow – 131
  Fed Std 23538
- Maroon – 197
  Pantone 282U
- Blue – 101(dk)
  Fed Std 25052
- Black – 032
  Fed Std 27040
- Red – 130
  Fed Std 21105
- Olive Drab – 137
  Fed Std 34096
- Purple – 129
  Pantone 245U

Note: Some options are not available on all case sizes and availability is subject to change at manufacturer’s discretion. Case colors/options may differ slightly from printed versions.
Cylindrical Shock Mounts isolate equipment from vibration as well as impact forces. Shock mounts vary in size depending on protection requirements - from delicate equipment to rugged electronics.

The Classic Rack case is a smooth finished roto case with a 19" wide EIA standard rack and a variety of rack depths including 17", 18", 20", 23", 25", 28", 33".

Extra rugged, rotomolded Pelican™ Classic Rack cases have demonstrated their strength thousands of times over by saving ultra-fragile equipment from damage during transport. It has the option for a Lock ‘N Load, removable rack. It is the strongest, most secure rack in the industry. Our precision – tuned, elastomeric, shock mount systems provide maximum shock and vibration protection for ultra-fragile equipment.

Classic Rack cases are a requirement when you are transporting valuable, highly fragile equipment that needs to get there intact. Nothing protects better than a Pelican™ Classic Rack case.

**SPECIFICATIONS**

**SIZES**
- 3U, 4U, 5U, 6U, 7U, 9U, 10U, 11U, 14U, 21U, and 26U

**PAYLOAD**
- 8-shock mounts: Up to 170 lbs.

**BASE FEATURES**
- Color: Grey (133)
- Zinc Cobalt Black Non-Locking Catch-and-Strike Hardware (HCB)
- Black Stainless Steel Handles
- Heavy Duty Reinforced Aluminum Rack Frame

**OPTIONS / ACCESSORIES**
- 13 Optional Colors
- Hardware Upgrades
- Lifting Rings
- Heavy Duty Shock System (200-340 lbs)
- Pressure Relief Valve and Closed Loop Gasket
- Locking Removable Casters
- Card Holders
- Labels
- Lockable Cable Catches and Coupling Catches for Inter-Locking Case Stacking
- Stencils
- Bezel Plate
- Drawers
- Sliding Shelves
- Keyboard Tray
- Lock ‘N Load Removable Rack
- Horizontal and/or Vertical Supports for Heavy Weighted Payload
- Lid Pouch
- 3.5" or 5" Casters
- Caster Storage in Lid

**CUSTOMIZATION**

Classic Rack cases are fully configurable and made to order. They can also be customized by our Technical Sales solution team. Call if you need a a 1U extension to any of these standard U sizes.

**APPLICATIONS**
- Military Rapid Deployment
- Rack Mountable Precision Test Equipment
- Electro-Mechanical
- Medical and Biological Diagnostic Equipment
- Memory Storage Devices
- Meteorological Instruments
- Mobile Operations
- Broadcast and Video Gear
- Laboratory Equipment
- Aerospace Instrumentation
Shock Isolation Mounts are a patent pending shock mount design made of a heavy-duty rubber that is inserted into the case body at the corners to provide a flexible, shock absorbing attachment for the rack frame.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>BASE FEATURES</th>
<th>SHOCK/VIBRATION SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>« Color: Grey (133)</td>
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</tr>
<tr>
<td>« Zinc Cobalt Black Non-Locking Catch-and-Strike Hardware (HCB)</td>
<td></td>
</tr>
<tr>
<td>« Plastic Comfort Grip Handles</td>
<td></td>
</tr>
<tr>
<td>« Heavy Duty Reinforced Aluminum Rack Frame</td>
<td></td>
</tr>
<tr>
<td>« 8 Shock Isolations Mounts</td>
<td></td>
</tr>
<tr>
<td>« (25 lbs. to 125 lbs. payloads)</td>
<td></td>
</tr>
<tr>
<td>« Lid Hangers</td>
<td></td>
</tr>
<tr>
<td>« 1” sway space for the ability to decelerate shock</td>
<td></td>
</tr>
</tbody>
</table>

**APPLICATIONS**

» Military Rapid Deployment
» Field-Deployed Equipment
» Sheltered Applications
» Control Consoles and Panels
» Radar and Microwave Antennas
» Solid-State Circuit Electronics
» Radio, TV and Communications Equipment

The SuperMAC™ case is a smooth surface case with a 19” wide and 24” deep EIA standard rack.

The SuperMAC™ case is our most compact container with the option of a Lock ‘N Load removable rack. The SuperMAC™ case strategically uses every inch of space, allowing ample room for wiring and equipment integration – all while providing medium duty protection. The optional removable rack system slides open as easily as a file drawer, for full access to equipment.

The SuperMAC™ case is ideal when you need vibration and shock protection for sensitive electronic equipment but don’t have enough space for a Classic Rack case.

**CUSTOMIZATION**

SuperMAC™ cases are fully configurable and made to order using the list of options. They can also be customized by our Technical Sales solution team.

**OPTIONS / ACCESSORIES**

- 13 Optional Colors
- Stainless Steel Black (SSB) Hardware
- Stainless Steel Handles
- Lifting Rings
- Heavy Duty Shock System (125 - 200lbs)
- Edge Casters
- Locking Removable Casters
- Lockable Cable Catches
- Pressure Relief Valve and Closed Loop Gasket
- Card Holders
- Labels
- Stencils
- Bezel Plate
- Drawers
- Sliding Shelves
- Keyboard Tray
- Horizontal and/or Vertical Supports for Heavy Weighted Payload
- Lock ‘N Load Removable Rack
- Lid Pouch
- 3.5” or 5” Casters
- Caster Storage in Lid
Cylindrical Shock Mounts isolate equipment from vibration as well as impact forces. Shock mounts vary in size depending on protection requirements - from delicate equipment to rugged electronics.

**SPECIFICATIONS**

**SIZES**

3U, 4U, 5U, 6U, 7U, 9U, 11U, 12U, and 14U

**PAYLOAD**

8-shock mounts: Up to 170 lbs.

**BASE FEATURES**

» Color: Grey (133)
» Zinc Cobalt Black Non-Locking Catch-and-Strike Hardware (HCB)
» Spring Loaded Stainless Steel Black Handle (SSB)
» Plastic Comfort Grip Handles
» Heavy Duty Reinforced Aluminum Rack Frame
» 8 shock mounts (24 lbs. to 100 lbs. payloads)
» Edge Casters (on cases with 5" Rear Lids only)
» Standard Labeling

**OPTIONS / ACCESSORIES**

» 13 Optional Colors
» Hardware Upgrades
» Stainless Steel Handles
» Lifting Rings
» Heavy Duty Shock System (200-340lbs)
» Pressure Relief Valve and Closed Loop Gasket
» Locking Removable Casters
» Lockable Cable Catches
» Card Holders
» Labels
» Stencils
» Bezel Plate
» Drawers
» Sliding Shelves
» Keyboard Tray
» Horizontal Supports for Heavy Weighted Payload
» Lock ‘N Load Removable Rack
» Lid Pouch
» 3.5” or 5” Casters
» Caster Storage in Lid

**CUSTOMIZATION**

MAC Rack™ cases are fully configurable and made to order using the list of options. They can be customized by our Technical Sales solution team.

The MAC Rack™ case is a textured low-visibility roto molded case with a 19” wide and a 20” or 24” deep EIA standard rack. Compact and light weight, MAC Rack™ cases boast a smaller footprint to make the most of limited space. The MAC Rack™ case protects with the same roto molded outer shell and 19” EIA shock mounted rack as the Classic Rack, but with a smaller sway space.

The MAC Rack™ case is perfect for less fragile equipment that still needs protection from shock, vibration, moisture, and impact along with the advantages of a heavy-duty case.

**SHOCK/VIBRATION SYSTEM**

**G-RATING**

50 - 80

**SWAY SPACE**

0.85” sway for the ability to decelerate shock

Cylindrical Shock Mounts isolate equipment from vibration as well as impact forces. Shock mounts vary in size depending on protection requirements - from delicate equipment to rugged electronics.

**APPLICATIONS**

» Field-Deployed Equipment
» Sheltered Applications
» Control Consoles and Panels
» Radar and Microwave Antennas
» Solid-State Circuit Electronics
» Radio, TV and Communications Equipment
OFF-THE-SHELF INDUSTRY-STANDARD SQUARE HOLE RACK CASES

SPECIFICATIONS

33" CLASSIC-V

SIZES
3U, 4U, 5U, 7U, and 9U

PAYLOAD
3U, 4U, 5U are 80-100lbs.
7U and 9U are 100-170 lbs.

G-RATING
N/A

SWAY SPACE
14"

ROLLING FEATURES
Sizes 3U, 4U, 5U: 3.5" Swivel Casters
Sizes 7U and 9U: Edge Casters

BASE FEATURES
- Color: Black
- Zinc Cobalt Black Non-Locking Catch-and-Strike Hardware (HCB)
- Steel Square Hole Rack Frame
- Pressure Relief Valve and Closed Loop Gasket
- Lid Hangers and Coupling Catches
- Molded in Stacking Ribs
- 10-32 or M6 Clip Nuts
- Black Stainless Steel Handles (33" Classic-V)
- Comfort Grip Plastic Handles (24" Super-V)

CUSTOMIZATION
V-Series cases are an Off-the-Shelf product, in stock and ready to ship.

24" SUPER-V

SIZES
3U, 4U, 5U, 7U, 9U, 11U and 14U

PAYLOAD
3U, 4U, 5U are 80-100lbs.
7U, 9U, 11U and 14U are 100-170 lbs.

G-RATING
N/A

SWAY SPACE
1"

ROLLING FEATURES
Edge Casters

APPLICATIONS
- Professional A/V
- Music and Entertainment Industry
- Small Office Infrastructure
- Mobile Video/Photography
- News Reporting
- Prosumer / Commercial Drone Control
- HDD or Connected Servers for App/Game Development

SHOCK/VIBRATION SYSTEM

Wall Mounted Cylindrical shocks. The shock mounts on V-Rack cases are attached directly to the case wall. They isolate equipment from vibration as well as impact forces. This shock mount design is used for lower payload weight applications.

Now you can get pro-grade rack mount cases in days instead of weeks. Pelican-Hardigg maintains inventory on both coasts, reducing your freight cost and transit time.

V-Series cases utilize a full-boxed 19" steel rack with an industry-standard square hole pattern, so hanging electronics with tab mounts is a snap. Just attach the clip nut onto a square hole with your choice of 10-32 Imperial or M6 Metric clip-nuts.

33" CLASSIC-V RACK MOUNT CASE is a smooth surface case with a 19" wide and 33" deep EIA standard rack.

24" SUPER-V RACK MOUNT CASE is a smooth surface case with a 19" wide and 24" deep EIA standard rack.

Not intended for high-end sensitive electronics
Cylindrical Shock Mounts isolate equipment from vibration as well as impact forces. Shock mounts vary in size depending on protection requirements - from delicate equipment to rugged electronics.

**SPECIFICATIONS**

**APPLICATIONS**

- **SHOCK/VIBRATION SYSTEM**

The BlackBox case is a textured roto molded case with a 19" wide and 24" deep EIA standard rack. It is an Off-the-Shelf product.

This light weight, compact, and double ended case offers light duty protection and boasts significantly better light duty shock performance than the competition. The use of recycled materials in the shell and a steel frame offers great value while upholding Pelican-Hardigg’s industry-leading standards.

A BlackBox case is ideal when you need immediate access to an Off-the-Shelf case and need to be cost conscious without sacrifice performance.

**Not intended for high-end sensitive electronics**

**PELICAN-HARDIGG™ BlackBox Case**

**LIGHT DUTY**

**PRECONFIGURED CASE IN 7 STANDARD U SIZES.**

- **3U, 4U, 5U, 7U, 9U, 11U, and 14U**
- **PAYLOAD**
  - 20 - 100 lbs.
- **G-RATING**
  - 40 - 80
- **SWAY SPACE**
  - 1" sway space for the ability to decelerate shock

**BASE FEATURES**

- Color: Black (463)
- Spring Loaded Stainless Steel Black Handle (SSB)
- Nickel Black Non-Locking Catch-and-Strike Hardware
- Plastic Comfort Grip Handles
- Pressure Relief Valve
- Closed Loop Gasket
- Steel Rack Frame
- Right and Left Side Lid Hangers
- Bottom Edge Casters

**OPTIONS / ACCESSORIES**

- N/A

**CUSTOMIZATION**

BlackBox cases are an Off-the-Shelf product, in stock and ready to ship.
**LIGHT WIGHT CASE FOR PROTECTION FROM RAIN, DUST AND IMPACT.**

The ProRack™ case is a smooth roto molded case with a 19” wide and 18” deep EIA standard rack. ProRack™ cases are the ideal option when you need a light weight, space-efficient, front and rear opening container, but not a shock mounted system. Add accessories such as coupling catches for locking stability, removable casters or extra threaded rack clips to suit your exact needs.

A ProRack™ case is the toughest small case available for basic protection from rain, immersion, dust and impact.

**SPECIFICATIONS**

**SIZES**

4U, 6U, 8U, 9U, and 14U

**PAYLOAD**

Up to 75 lbs.

**BASE FEATURES**

- Color: Black (032)
- Zinc Cobalt Black Non-Locking Catch-and-Strike Hardware (HCB)
- Plastic Comfort Grip Handles
- Aluminum Rack Frame

**OPTIONS / ACCESSORIES**

- Stainless Steel Black Non-Locking Catch-and-Strike Hardware (SSB)
- Pressure Release Valve
- Card Holders
- Labels
- Stencils
- Bezel plate and rear frame extensions to also bolt equipment to the rear of the case. Extensions are also for use with sliding shelves or drawers
- Removeable 3.5” or 5” Swivel Casters (250 lbs./wheel)

**SHOCK/VIBRATION SYSTEM**

ProRack™ cases do not have shock mounts. The rack frame is mounted directly to the case.

**APPLICATIONS**

- Semi-Fragile Medical Equipment
- Radios and Amplifiers
- Field Deployed Test Equipment

**CUSTOMIZATION**

ProRack™ cases are fully configurable and made to order using the list of options.
**PELICAN-HARDIGG™ Classic Rack Case**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>U SIZE</th>
<th>RACK HEIGHT</th>
<th>RACK DEPTH</th>
<th>RACK WIDTH</th>
<th>FRONT/BACK LID</th>
<th>OUTSIDE DEPTH</th>
<th>OUTSIDE WIDTH</th>
<th>OUTSIDE HEIGHT</th>
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**Lid Thickness** = 2.5” or 5.25” Lid Inside Dimension + 1.15” TYP

2.5” or 5.25” interchangeable front and/or back lids

Overall height includes 1” stacking ribs

25.5” to 48.5”
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1 - Lid Outside Dimension (O.D.) = Lid I.D. plus 1.15" per lid
2 - Depth includes stacking ribs
3 - Height excludes 1.0" stacking ribs
* - Rapid Rack Available
### PELICAN-HARDIGG™

**SuperMAC™ Case**

**SPECIFICATIONS**

2.2” or 5.2” interchangeable front and/or back lids

Overall height excludes .44” stacking ribs

### RACK MOUNT

**Case Catalog**

15
The Pelican-Hardigg™ Rapid Rack Removeable Rack feature combines all the shock and vibration protection of our Classic and SuperMAC™ Rack cases with the added benefit of a removable frame for complete frame accessibility.

The Rapid Rack option adds a simple Lock ‘N Load quick-latch system to unlock the internal rack frame and polyethylene guide strips for smooth separation. The standard aluminum case frames hold the rack in the case using four spring lock pins. The shock mounted outer frames enable the rack to become removable using polyethylene guide strips. Pulled like a drawer, the entire rack frame slides out completely for easier in-the-field cable installation and connection to other equipment.

Rapid Rack is the ultimate versatility tool and protection system for any Classic Rack or SuperMAC™ Rack case application where frame removal is important. Order your case with the removable racks feature or purchase an upgrade kit to turn your existing fixed rack into a sliding rack case.

**REQUIREMENTS**

- Standard U height frame (not available for 1U height adjusted frame sizes)
- Removable frames are not recommended for payload weights over 200 lbs. (for greater payload weights contact your Pelican-Hardigg dealer or tech sales rep)

**AVAILABLE ON CLASSIC RACK CASES**

- With 24” long mid sections (20” long frame)
- With 25” long mid sections (24” long frames)
- With 35” long mid sections (33” long frames)
- Note: Removable racks are not available on Classic 10U (DE2121), 21U (DE2442) or the 26U (DE2625) Rack cases

**AVAILABLE ON SUPERMAC™ RACK CASES**

- With 29” mid-sections (24” long frame)
- Sliding racks are available on all SuperMac™ cases
### SPECIFICATIONS

**Rack Dimensions**

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### Lid Thickness

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4.4" Lid Inside Dimension + 1.3" TYP
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1 - Lid Outside Dimension (O.D.) = Lid I.D. plus 1.3" on 4.4" lids and plus 1" on 2.2" lids
2 - Depth includes stacking ribs

3 - Depth listed is calculated with plastic handles installed on sides which is standard. 3U, 4U and 5U cases come standard with stainless steel handles all around.

4 - Height excludes .44" stacking ribs
### Specifications

2.5” or 5.25” interchangeable front and/or back lids

Overall height includes 1” stacking ribs

Lid Thickness = 2.5” or 5.25” Lid Inside Dimension + 1.15” TYP

### Rack Dimensions

| PART NO.     | U | in   | mm  | in   | mm  | in   | mm   | in   | mm   | in   | mm   | lbs  | kg   | ft³  | m³  |
|--------------|---|------|-----|------|-----|------|------|------|------|------|------|------|------|-----|
| CLASSIC-V-3U | 3 | 5.25 | 133 |      |     |      |      |      |      |      |      |      |      | 8.8 | 0.25 |
| CLASSIC-V-4U | 4 | 7.00 | 178 |      |     |      |      |      |      |      |      |      |      | 10.5 | 0.30 |
| CLASSIC-V-5U | 5 | 8.75 | 222 | 33   | 838 | 19   | 483  | 2.5  | 5.25 | 45.8 | 1163 | 27.0 | 486 | 11.9 | 0.37 |
| CLASSIC-V-7U | 7 | 12.25| 311 |      |     |      |      |      |      |      |      |      |      | 14.7 | 0.42 |
| CLASSIC-V-9U | 9 | 15.75| 400 |      |     |      |      |      |      |      |      |      |      | 17.4 | 0.49 |

### Case Dimensions

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RACK MOUNT CASE CATALOG
### SPECIFICATIONS

#### 24” Super-V Case

- **2.2” or 5.2” interchangeable front and/or back lids**
- **Overall height excludes 0.44” stacking ribs**

### RACK DIMENSIONS

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<th>RACK DEPTH</th>
<th>RACK WIDTH</th>
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### Lid Thickness

- 2.2” Lid Inside Dimension + 1.1” TYP
- 5.2” Lid Inside Dimension + 1.3” TYP

---

**Case Depth OD:** 35.5” to 41.5”

**Case Width OD:** 23.6”

**Lid Thickness:**

- 2.2” Lid Inside Dimension + 1.1” TYP
- 5.2” Lid Inside Dimension + 1.3” TYP
# BlackBox Case

## Specifications

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1. Lid Outside Dimension (O.D.) = Lid I.D. plus 1.3" on 5.2" lids and plus 1.1" on 2.2" lids
2. Length includes stiffening ribs
3. Width is based on measurements with installed comfort grip handles
4. Height excludes .44" stacking ribs
## ProRack™ Case

### SPECIFICATIONS

#### Rack Dimensions

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1. Lid Outside Dimension (O.D.) = Lid I.D. plus 0.2" per lid.
2. Depth includes stacking ribs.
3. Height excludes 0.5" stacking ribs.

The variance in rack length based on non shock mounted frame – "17" rack frame is only obtained by purchasing extra rack frame for the rear of the case. 17” rack length may vary – this is not a shock mounted rack.

---

### Case Dimensions

- Rack Depth: 18”
- Rack Width: 19”
- Case Height: 22”
- Case Width: 22.4”
- Case Depth: 11.3”
- Front/Back Lid (O.D.): 18”
- Outside Depth: 14.8”
- Outside Width: 21.2”
- Outside Height: 28.0”

---

1.1” both lids

---

### Diagram

- Rack Mount Case Catalog

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Case Features

- Molded-in, tongue-in-groove gasketed parting lines seal tight and remain so after impacts.
- Durable molded-in color.
- Splash and rain resistant – airtight/watertight available.
- Reinforced corners and edges (high-stress areas) with 15 to 28% more material.
- Fully recessed hardware protected from external impact damage.
- Exceeds Air Transport Association (ATA) Specification 386, Category I requirements.
- Aircraft-quality, precision-tempered 6061-T6 aluminum provides a high strength-to-weight ratio.
- Designed to meet ANSI/EIA-310-C for universal rack mounting hole pattern.
- Molded-in side ribs provide extra columnar strength.
- Interference fit spiral spring pins in each corner for maximized structural integrity.
- Patented, positive anti-shear locks prevent case lids from separating from mid-section even after impact and minimize stress on hardware.
- Shock mounts provide excellent shock and vibration cushion for delicate equipment.
- One-piece roto-molded body and lids.
- Patented, molded-in metal inserts for catch attachment points provide strength and spread loads to the container wall for maximum integrity.
- Molded-in male/female stacking ribs for secure stacking.
- Molded-in, tongue-in-groove gasketed parting lines seal tight and remain so after impacts.

Part Number Breakdown

DE 24 10 - 02 / 35 / 02

- 24" = Case Depth
- 10" = Case Height
- 2" = Front Lid Depth
- 35" = Case Body Length
- 2" = Case Rear Lid Depth

Values Represent Interior Dimensions.

ROTO MOLDED CASES - PELICAN 1 YEAR LIMITED WARRANTY FOR ROTO MOLDED CONTAINERS

Pelican Products, Inc. (“Pelican”) guarantees to the original purchaser of its rotationally molded containers that its containers will be free of defects in materials and workmanship for a period of one year from the date of invoice. Such warranty does not cover any associated hardware including closure hardware, retractable handles, wheels, and fasteners, which Pelican warrants against defects in materials and workmanship for a period of 90 days from the invoice date.

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Part No. 0030-005-900 AU18