

Amazon Cases & Racks™

cp cases 

Amazon Cases & Racks™



Introducing Amazon

Created with one thing in mind, Amazon Cases and Racks give the ultimate protection to valuable and essential equipment during transport anywhere in the world.

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Overview

Amazon Cases and Racks have a unique patented design that offers a tough, lightweight, customisable system that can be tailored to the client's requirements and individual needs.

Rotationally moulded (rotomoulded) using virgin polyethylene, Amazon Cases and Racks are highly resistant to impact and drop/shock, temperature extremes and vibration, as well as water and dust ingress, and can be modified to include features such as flame retardant, anti-static and low infrared reflectivity.

Nitrogen-blown polyethylene foam inserts provide unmatched levels of impact absorbency and support for the contents, and the inert nature of the foam means there is no chance of chemical contamination or corrosion to the equipment inside (as is possible with other foam types).

Robust low-profile cam-operated butterfly latches are securely attached to fully encapsulated stainless steel inserts, allowing 'no hassle' in the field replacement if ever required. A silicone gasket ensures dust and watertight integrity between the lid and the base.

For larger cases, recessed wheels can be added to aid manual handling. These 70mm diameter high performance 'blade wheels' do not impinge the stacking or storage footprint.

Other build options include black powder-coated stainless steel anchor points with 180° movement for tie down to transport systems or crane lifting and replacement stainless steel handles as well as a padlockable version of the latch for extra security.

Ideal for defence, marine, security, aerospace, oil and gas, satellite and telecommunication applications worldwide, Amazon Cases and Racks give all the advantages of rotomoulding but without the normal thick wall cavity, restrictive openings and bulky deep lids, giving more space for any given case size.

Inside an Amazon Rack there is more innovation. A lightweight high tensile aluminium frame, suspended by elastomeric anti-vibration mounts, provides superior 'sway-space' between the frame and the outer container and is the best possible way to safeguard delicate equipment. More robust and stainless steel variants are custom-made for heavy payloads and corrosive environments.



Tough, lightweight rotomoulded cases and 19-inch racks suited for use in extreme conditions

Amazon Case Features

Amazon Cases®

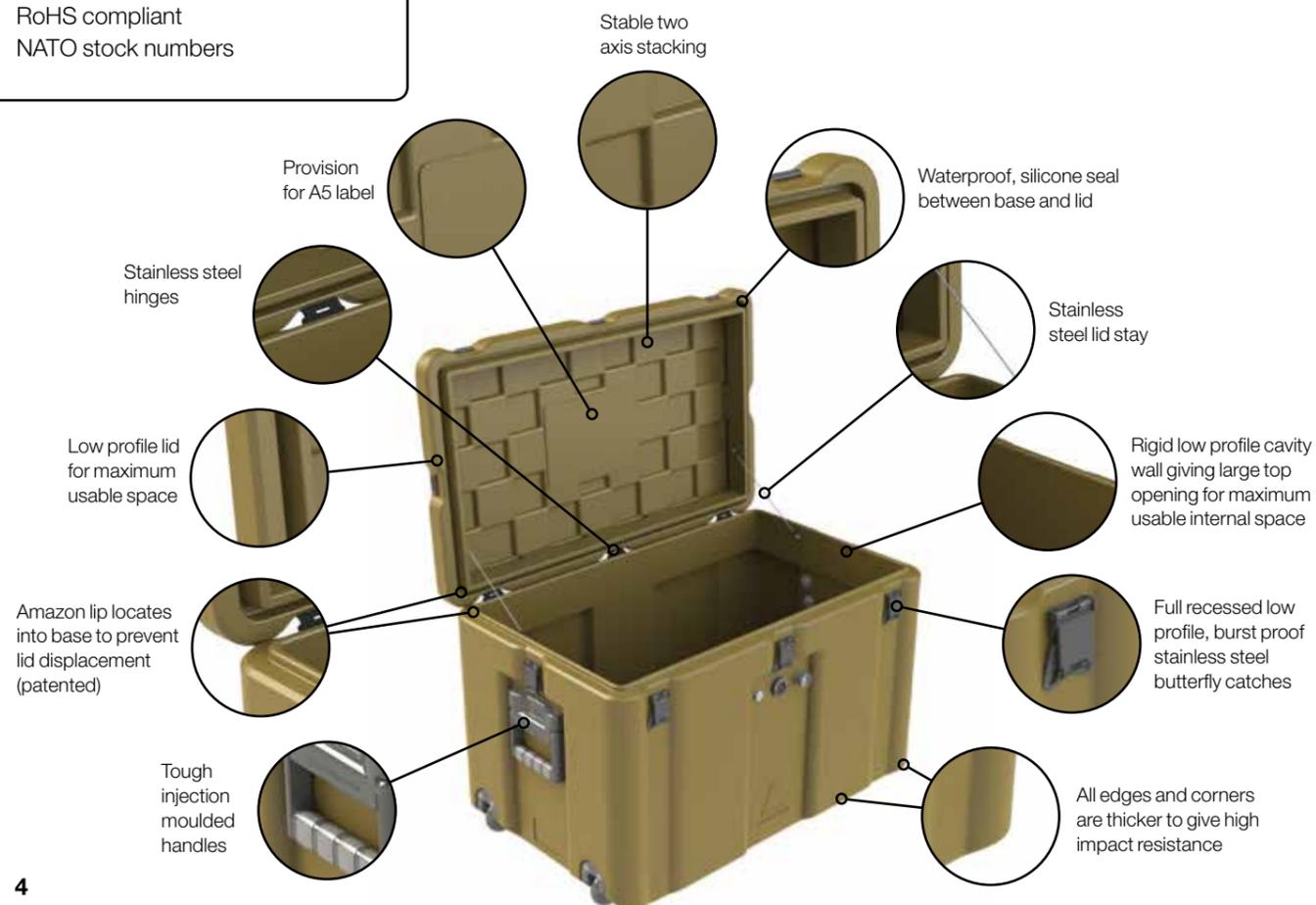
All Amazon Cases are produced using rotomoulding. Ideal for making tough, waterproof products and utilising a high quality polymer that thickens at the edges and corners for extra strength and impact resistance, Amazon has brought rotomoulded containers to a new level for the 21st century by using decades of experience in case design and manufacturing.

This results in a range of cases that are tougher and yet more spacious than any comparable product.

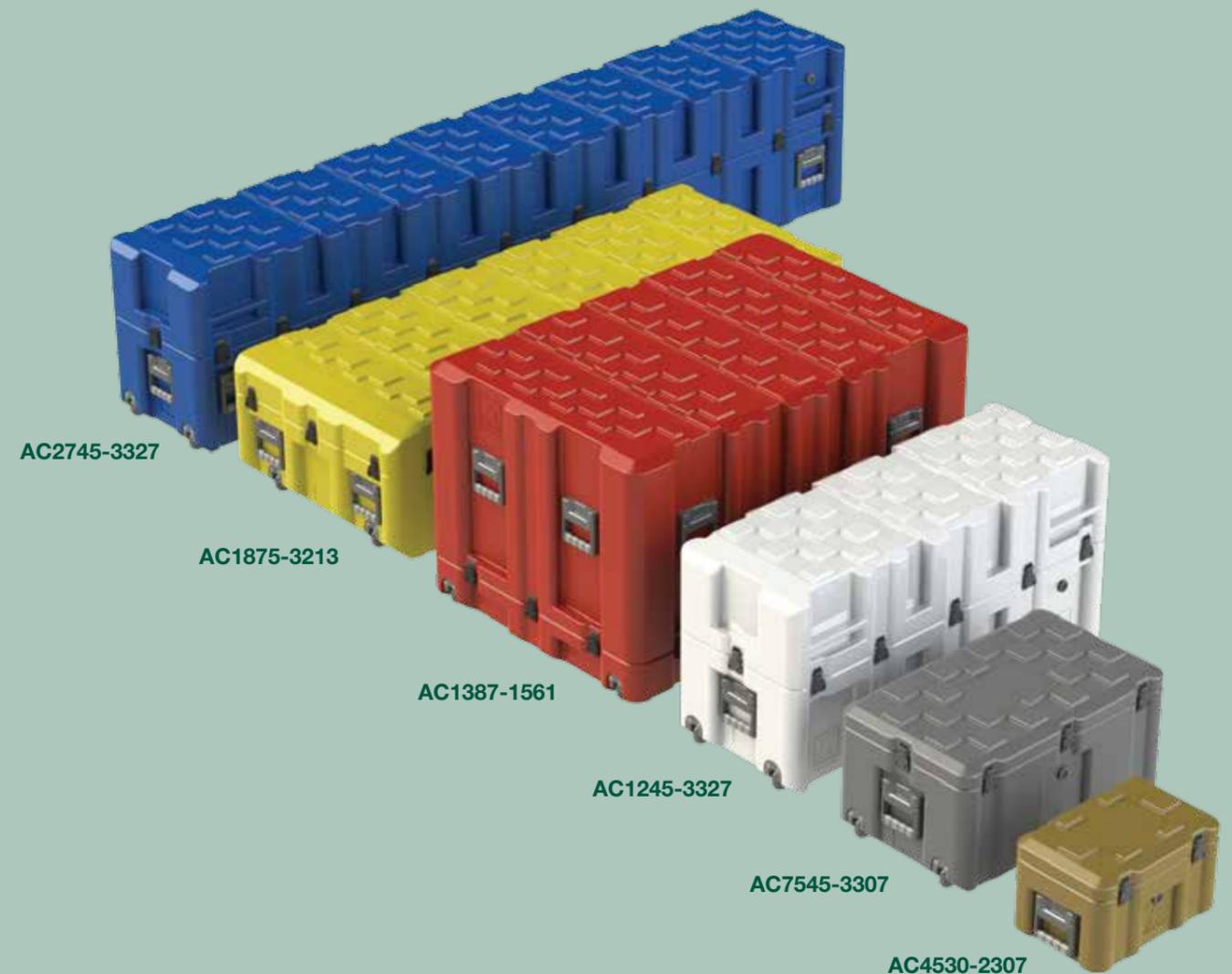
Amazon Cases & Racks carry the following accreditations and standards:

MIL-STD-810
DEF STAN 00-35
Ingress Protection rating 65
RoHS compliant
NATO stock numbers

-  **Appearance** Colours moulded right through to retain appearance if scratched
-  **Colours** Available in Olive Drab, Grey, Black and Desert Sand, with other colours available for orders of 25 or more – all colours are UV stabilised
-  **Handles** Heavy-duty plastic injection moulded handles with soft grip thermo-plastic rubber overmould
-  **Lid** Strong, rigid, low profile lid for maximum space utilisation
-  **Lip** Moulded-in Amazon lip that engages positively with body to eliminate lid displacement when subjected to sideways force (Patented)
-  **NATO Stock Numbers** available on request
-  **Pat. Patented** Unique patented design
-  **Rotomoulded** from high grade, virgin polyethylene for strength and impact absorption
-  **Safe** All edges and corners are rounded and bevelled for safe and comfortable carrying
-  **Seal** Waterproof silicone lid seal stable in temperatures from -40°C to +70°C
-  **Space** Maximised capacity versus external size
-  **Stacking** Two axis location and engagement feature for positive stacking
-  **Temperature** Stable in temperatures from -40°C to +70°C
-  **Tough** Corrosion proof and resistant to solvents and acids



Sizes and Numbering



Size Numbering System

| | | | | | | | | |
|------------------|-------------|------------|---|------------------|-----------------|--------|-----------|-----------|
| AC | 75 | 45 | — | 33 | 07 | /AC | /AC | /FL |
| Amazon Case code | Length (cm) | Width (cm) | | Base height (cm) | Lid height (cm) | Suffix | All Catch | Fork Lift |

Key to Suffix

Key to NATO Stock Numbering (NSN)

| | | | | |
|---------------------------------|---|---------------------|---|------------------|
| NSN 8145 | — | 99 | — | 761-2696 |
| NATO Supply Classification Code | | Issuing NCB 99 = UK | | Unique ID number |

Scale comparison of Amazon Case AC7545-3307 to a 6ft / 1.83m tall man

Amazon Case Size List

| Part Number | External mm | | | Internal mm | | | Volume | Weight** | Handles | Catches | Hinges | Wheels* | Skids / Fork Lift | Quickship | NSN |
|-------------------|-------------|-----|-----|-------------|-----|-----|----------------|----------|---------|---------|--------|---------|-------------------|-----------|------------------|
| | L | W | H | L | W | H | m ³ | kg | No. | No. | No. | Y/N | Y/N | Y/N | |
| AC4530-2307 | 450 | 300 | 300 | 390 | 240 | 260 | 0.04 | 5.0 | 2 | 2 | 2 | N | N | Y | 8145-99-253-0976 |
| AC4631-0808 | 458 | 305 | 153 | 374 | 222 | 117 | 0.02 | 4.1 | 1 | 2 | 2 | N | N | N | 8145-99-587-3852 |
| AC4631-2110 | 458 | 305 | 305 | 374 | 222 | 269 | 0.04 | 6.1 | 2 | 2 | 2 | N | N | N | 8145-99-152-0888 |
| AC5045-3307 | 500 | 450 | 400 | 440 | 390 | 360 | 0.09 | 8.5 | 2 | 4 | 2 | N | N | Y | 8145-99-968-4816 |
| AC5048-3807 | 500 | 480 | 450 | 440 | 420 | 410 | 0.11 | 9.0 | 2 | 6 | 2 | N | N | Y | 8145-99-891-0808 |
| AC5644-6210 | 559 | 439 | 712 | 476 | 355 | 676 | 0.17 | 9.7 | 2 | 6 | 2 | N | N | N | 8145-99-979-4522 |
| AC6030-5307 | 600 | 300 | 600 | 540 | 240 | 560 | 0.11 | 9.4 | 2 | 5 | 3 | N | N | Y | 8145-99-667-6868 |
| AC6040-4307 | 600 | 400 | 500 | 540 | 340 | 460 | 0.12 | 10.9 | 2 | 5 | 3 | N | N | Y | 8145-99-551-4820 |
| AC6045-2307 | 600 | 450 | 300 | 540 | 390 | 260 | 0.08 | 9.2 | 2 | 5 | 3 | N | N | Y | 8145-99-893-7854 |
| AC6045-3307 | 600 | 450 | 400 | 540 | 390 | 360 | 0.11 | 9.6 | 2 | 5 | 3 | N | N | Y | 8145-99-666-7176 |
| AC6045-4307 | 600 | 450 | 500 | 540 | 390 | 460 | 0.14 | 11.2 | 2 | 5 | 3 | N | N | Y | 8145-99-887-2317 |
| AC6060-4307 | 600 | 600 | 500 | 540 | 540 | 460 | 0.18 | 13.0 | 4 | 7 | 3 | N | N | Y | 8145-99-402-7149 |
| AC6060-5307 | 600 | 600 | 600 | 540 | 540 | 560 | 0.22 | 15.5 | 4 | 7 | 3 | N | N | Y | 8145-99-235-4895 |
| AC6146-2110 | 610 | 458 | 305 | 527 | 374 | 269 | 0.09 | 7.7 | 2 | 5 | 3 | N | N | N | 8145-99-614-4803 |
| AC6146-4211 | 610 | 458 | 521 | 527 | 374 | 485 | 0.15 | 9.7 | 2 | 5 | 3 | N | N | N | 8145-99-396-2047 |
| AC6161-4615 | 610 | 610 | 610 | 527 | 527 | 549 | 0.23 | 14.0 | 4 | 7 | 3 | N | N | N | 8145-99-979-4522 |
| AC7545-3107 | 750 | 450 | 380 | 690 | 390 | 340 | - | - | - | - | - | N | N | N | N/A |
| AC7545-3307 | 750 | 450 | 400 | 690 | 390 | 360 | 0.14 | 12.3 | 2 | 5 | 3 | Y | N | Y | 8145-99-761-2696 |
| AC7545-4307 | 750 | 450 | 500 | 690 | 390 | 460 | 0.17 | 13.7 | 2 | 5 | 3 | Y | N | Y | 8145-99-388-6300 |
| AC7545-5307 | 750 | 450 | 600 | 690 | 390 | 560 | 0.20 | 15.4 | 2 | 5 | 3 | Y | N | Y | 8145-99-729-6181 |
| AC7552-3010 | 743 | 515 | 407 | 660 | 431 | 371 | 0.16 | 12.7 | 2 | 5 | 3 | N | N | N | 8145-99-814-4114 |
| AC7560-2307 | 750 | 600 | 300 | 690 | 540 | 260 | 0.14 | 13.0 | 4 | 7 | 3 | Y | N | Y | 8145-99-751-6085 |
| AC7560-3307 | 750 | 600 | 400 | 690 | 540 | 360 | 0.18 | 13.4 | 4 | 7 | 3 | Y | N | Y | 8145-99-514-4366 |
| AC7560-4307 | 750 | 600 | 500 | 690 | 540 | 460 | 0.23 | 15.9 | 4 | 7 | 3 | Y | N | Y | 8145-99-891-0545 |
| AC7560-5307 | 750 | 600 | 600 | 690 | 540 | 560 | 0.27 | 17.2 | 4 | 7 | 3 | Y | N | Y | 8145-99-754-8113 |
| AC8249-2507 | 820 | 483 | 320 | 736 | 400 | 284 | 0.13 | 12.0 | 2 | 5 | 3 | N | N | N | 8145-99-891-7731 |
| AC8754-6115/AC | 864 | 533 | 760 | 779 | 446 | 700 | 0.35 | 18.0 | 6 | 10 | 0 | Y | N | Y | 8145-99-480-8493 |
| AC8754-1561/AC | 864 | 533 | 760 | 779 | 446 | 700 | 0.35 | 18.0 | 6 | 10 | 0 | Y | N | Y | 8145-99-585-8854 |
| AC8775-6115/AC*** | 864 | 745 | 760 | 779 | 660 | 700 | 0.49 | 22.2 | 4 | 12 | 0 | Y | N | Y | 8145-99-471-5373 |
| AC8775-1561/AC | 864 | 745 | 760 | 779 | 660 | 700 | 0.49 | 22.2 | 4 | 12 | 0 | Y | N | Y | 8145-99-551-8729 |
| AC9045-2307 | 900 | 450 | 300 | 840 | 390 | 260 | 0.12 | 12.7 | 2 | 6 | 4 | Y | Y | Y | 8145-99-998-2342 |
| AC9045-3307 | 900 | 450 | 400 | 840 | 390 | 360 | 0.16 | 14.1 | 2 | 6 | 4 | Y | Y | Y | 8145-99-562-6415 |
| AC9045-3327/AC | 900 | 450 | 620 | 815 | 365 | 560 | 0.24 | 14.1 | 2 | 10 | 0 | Y | Y | Y | 8145-99-284-3371 |
| AC9045-4307 | 900 | 450 | 500 | 840 | 390 | 460 | 0.20 | 14.7 | 2 | 6 | 4 | Y | Y | Y | 8145-99-362-3513 |
| AC9045-5307 | 900 | 450 | 600 | 840 | 390 | 560 | 0.24 | 15.4 | 2 | 6 | 4 | Y | Y | Y | 8145-99-307-5179 |
| AC9060-3307 | 900 | 600 | 400 | 840 | 540 | 360 | 0.22 | 17.5 | 4 | 8 | 4 | Y | Y | Y | 8145-99-147-9484 |
| AC9060-4307 | 900 | 600 | 500 | 840 | 540 | 460 | 0.27 | 19.6 | 4 | 8 | 4 | Y | Y | Y | 8145-99-666-7174 |
| AC9060-5307 | 900 | 600 | 600 | 840 | 540 | 560 | 0.32 | 21.6 | 4 | 8 | 4 | Y | Y | Y | 8145-99-376-9256 |
| AC9060-3327/AC | 900 | 600 | 600 | 840 | 540 | 560 | 0.32 | 22.6 | 8 | 12 | 0 | Y | Y | Y | 8145-99-492-9646 |
| AC9060-2733/AC | 900 | 600 | 600 | 840 | 540 | 560 | 0.32 | 22.6 | 8 | 12 | 0 | Y | Y | Y | 8145-99-731-8675 |
| AC9060-4327/AC | 900 | 600 | 700 | 840 | 540 | 660 | 0.38 | 20.0 | 8 | 12 | 0 | Y | Y | Y | 8145-99-484-3618 |
| AC9060-2743/AC | 900 | 600 | 700 | 840 | 540 | 660 | 0.38 | 20.0 | 8 | 12 | 0 | Y | Y | Y | 8145-99-813-3100 |

| Part Number | External mm | | | Internal mm | | | Volume | Weight** | Handles | Catches | Hinges | Wheels* | Skids / Fork Lift | Quickship | NSN |
|-------------------|-------------|-----|------|-------------|-----|-----|----------------|----------|---------|---------|--------|---------|-------------------|-----------|------------------|
| | L | W | H | L | W | H | m ³ | kg | No. | No. | No. | Y/N | Y/N | Y/N | |
| AC9060-5327/AC | 900 | 600 | 800 | 840 | 540 | 760 | 0.43 | 26.8 | 8 | 12 | 0 | Y | Y | Y | 8145-99-151-7437 |
| AC9060-2753/AC | 900 | 600 | 800 | 840 | 540 | 760 | 0.43 | 26.8 | 8 | 12 | 0 | Y | Y | Y | 8145-99-982-0267 |
| AC9060-7307 | 900 | 600 | 800 | 840 | 540 | 760 | 0.43 | 25.9 | 4 | 8 | 4 | Y | Y | Y | 8145-99-133-7686 |
| AC9060-7327/AC | 900 | 600 | 1000 | 840 | 540 | 960 | 0.54 | 35.5 | 8 | 12 | 0 | Y | Y | Y | 8145-99-151-7438 |
| AC9060-2773/AC | 900 | 600 | 1000 | 840 | 540 | 960 | 0.54 | 35.5 | 8 | 12 | 0 | Y | Y | Y | 8145-99-356-0226 |
| AC9075-2307/AC | 900 | 750 | 310 | 816 | 666 | 230 | 0.21 | 16.5 | 4 | 14 | 0 | Y | Y | Y | 8145-99-510-4088 |
| AC9261-4115/AC | 915 | 610 | 559 | 831 | 527 | 498 | 0.31 | 19.9 | 4 | 12 | 0 | N | N | N | 8145-99-213-6924 |
| AC9595-4346/AC/FL | 947 | 947 | 889 | 863 | 863 | 765 | 0.80 | 26.2 | 8 | 16 | 0 | N | + | N | 8145-99-883-3490 |
| AC1175-2307/AC | 1050 | 750 | 310 | 966 | 666 | 230 | 0.31 | 18.5 | 4 | 16 | 0 | Y | Y | Y | 8145-99-464-5304 |
| AC1187-6115/AC | 1067 | 864 | 760 | 982 | 779 | 700 | 0.70 | 29.7 | 8 | 14 | 0 | Y | Y | Y | 8145-99-241-7308 |
| AC1187-1561/AC | 1067 | 864 | 760 | 982 | 779 | 700 | 0.70 | 29.7 | 8 | 14 | 0 | Y | Y | Y | 8145-99-813-3097 |
| AC1245-3327/AC | 1200 | 450 | 620 | 1115 | 365 | 560 | 0.32 | 19.5 | 2 | 12 | 0 | Y | Y | Y | 8145-99-455-8174 |
| AC1260-4307 | 1200 | 600 | 500 | 1140 | 540 | 460 | 0.36 | 26.9 | 4 | 9 | 5 | Y | Y | Y | 8145-99-228-3882 |
| AC1260-5307 | 1200 | 600 | 600 | 1140 | 540 | 560 | 0.43 | 27.3 | 4 | 9 | 5 | Y | Y | Y | 8145-99-342-1189 |
| AC1275-2307/AC | 1200 | 750 | 310 | 1116 | 666 | 230 | 0.28 | 20.5 | 4 | 16 | 0 | Y | Y | Y | 8145-99-350-5793 |
| AC1275-3213/AC | 1200 | 750 | 450 | 1116 | 666 | 390 | 0.41 | 24.6 | 4 | 14 | 0 | Y | Y | Y | 8145-99-845-8193 |
| AC1275-1332/AC | 1200 | 750 | 450 | 1116 | 666 | 390 | 0.41 | 24.6 | 4 | 14 | 0 | Y | Y | Y | 8145-99-500-9794 |
| AC1384-7015/FL | 1230 | 840 | 850 | 1146 | 756 | 640 | 0.55 | 35.5 | 4 | 9 | 5 | N | + | N | **** |
| AC1384-7015/AC/FL | 1230 | 840 | 850 | 1146 | 756 | 640 | 0.55 | 35.5 | 4 | 14 | 0 | N | + | N | **** |
| AC1387-6115/AC | 1281 | 864 | 760 | 1196 | 779 | 700 | 0.84 | 34.5 | 8 | 16 | 0 | Y | Y | Y | 8145-99-961-4313 |
| AC1387-1561/AC | 1281 | 864 | 760 | 1196 | 779 | 700 | 0.84 | 34.5 | 8 | 16 | 0 | Y | Y | Y | 8145-99-997-2703 |
| AC1446-2811 | 1347 | 458 | 381 | 1263 | 374 | 320 | 0.24 | 18.3 | 4 | 7 | 5 | N | N | N | 8145-99-553-3446 |
| AC1475-2307/AC | 1350 | 750 | 310 | 1266 | 666 | 230 | 0.31 | 22.5 | 4 | 18 | 0 | Y | Y | Y | 8145-99-302-3396 |
| AC1475-4825/AC/FL | 1353 | 743 | 724 | 1270 | 660 | 612 | 0.73 | 35.8 | 8 | 16 | 0 | N | + | N | 8145-99-348-1087 |
| AC1545-3327/AC | 1500 | 450 | 620 | 1415 | 365 | 560 | 0.41 | 23.7 | 2 | 14 | 0 | Y | Y | Y | 8145-99-151-7436 |
| AC1548-2018/AC | 1505 | 489 | 375 | 1422 | 406 | 314 | 0.26 | 24.9 | 6 | 16 | 0 | N | N | N | 8145-99-837-0758 |
| AC1575-3213/AC | 1500 | 750 | 450 | 1416 | 666 | 390 | 0.51 | 29.6 | 4 | 16 | 0 | Y | Y | Y | 8145-99-726-0653 |
| AC1575-1332/AC | 1500 | 750 | 450 | 1416 | 666 | 390 | 0.51 | 29.6 | 4 | 16 | 0 | Y | Y | Y | 8145-99-213-5247 |
| AC1687-6115/AC | 1581 | 864 | 760 | 1496 | 779 | 700 | 1.04 | 40.7 | 8 | 18 | 0 | Y | Y | Y | 8145-99-254-3587 |
| AC1687-1561/AC | 1581 | 864 | 760 | 1496 | 779 | 700 | 1.04 | 40.7 | 8 | 18 | 0 | Y | Y | Y | 8145-99-856-4369 |
| AC1845-3327/AC | 1800 | 450 | 620 | 1715 | 365 | 560 | 0.49 | 27.8 | 2 | 16 | 0 | Y | Y | Y | 8145-99-572-6588 |
| AC1875-3213/AC | 1800 | 750 | 450 | 1716 | 666 | 390 | 0.61 | 34.7 | 4 | 18 | 0 | Y | Y | Y | 8145-99-844-5056 |
| AC1875-1332/AC | 1800 | 750 | 450 | 1716 | 666 | 390 | 0.61 | 34.7 | 4 | 18 | 0 | Y | Y | Y | 8145-99-726-0652 |
| AC2156-2316AC | 2064 | 566 | 420 | 1981 | 482 | 358 | 0.44 | 32.4 | 8 | 18 | 0 | N | N | N | 8145-99-488-8779 |
| AC2145-3327/AC | 2100 | 450 | 620 | 2015 | 365 | 560 | 0.57 | 32.8 | 6 | 18 | 0 | Y | Y | Y | 8145-99-813-3098 |
| AC2445-3327/AC | 2400 | 450 | 620 | 2315 | 365 | 560 | 0.65 | 36.8 | 6 | 20 | 0 | Y | Y | Y | 8145-99-974-7580 |
| AC2745-3327/AC | 2700 | 450 | 620 | 2615 | 365 | 560 | 0.73 | 41.0 | 6 | 22 | 0 | Y | Y | Y | 8145-99-667-7005 |

Note: '+' mark in Skids column indicates cases with fork lift skids integral to moulded case
Moulding tolerance +/- (1%+1mm) linear

* Wheels for Amazon Cases are fitted as option

** Approximate weight

*** This case does not stack with other cases.

**** New Move-It case. See page 11.

All information believed to be correct at time of publication. No liability accepted for decisions made as a result of errors.
Specifications may change without notice.

Amazon Case Accessories

Automatic Pressure Relief Valve (PRV)

A two-way automatic pressure relief valve with manual override release push button enables equalisation of the pressure inside and outside the container.

AAPRV



Gore® Membrane Vent

A Gore® membrane vent allowing gradual equalisation of internal and external pressure without ingress of dust or water.

AAGTV



Humidity Indicator

Humidity indicator and replaceable desiccant container for effective humidity control during long-term storage.

AAHI3050



Padlockable Latches

Both types of latch can be replaced with a padlockable latch which takes a padlock with a hasp diameter up to 9mm.

AABTPL/BK



Butterfly Latches

| | | |
|---|---|---|
| Standard cam-operated butterfly latch. | AAL/BK | AALPL/BK |
| |  |  |
|  | | |

Lockable Toggle Latch

| | | |
|------------------------------------|--|---|
| Toggle latch with integrated lock. | AALC236/BK |  |
| |  | |

Injection Moulded Handles

The number of handles supplied with standard cases is shown in the size list. Additional injection moulded handles can be fitted if required.

| | |
|--|---|
| AAHPL/BK |  |
|  | |

Stainless Steel Handles

Black powder-coated stainless steel handles are available as an alternative to the injection moulded handles supplied as standard.

| | |
|---|---|
| AAHSB/BK |  |
|  | |

Tie-downs

Transportation tie-downs are available as an alternative to the injection moulded handles supplied as standard.

| | |
|--|---|
| AAATD002/BK |  |
|  | |

Forklift Skids

Robust spacers used during the storage of cases and racks to facilitate access for forklift skids.

AAFS45-2/BK for AC9045-AC1245
 AAFS45-2-1W/BK for AC1545-AC2745
 AAFS60-2/BK for AC9060
 AAFS60-3/BK for AC1260
 AAFS75-2/BK for AC1275
 AAFS75-3/BK for AC1575
 AAFS75-4/BK for AC1875
 AAFS87-2/BK for AC1187
 AAFS87-3/BK for AC1387
 AAFS87-4/BK for AC1687



Cables & Accessory Storage Pouches

Zipped pouch that can be secured in place in both shallow and deep rack lids for the storage of cabling and leads. Cable pouches can be retrofitted by users without the use of tools.

Available on request



Interstacker

Interstacker allows Amazon Racks to be stacked securely onto Amazon Cases. The same interstacker can be fitted with 4 x 100mm castors to provide secure location and movement of heavy loads up to 300kg.

AAINT610/BK



Labels & Label Holders

Labelling options include engraved metal, back printed, non-scratch polycarbonate and write-on/wipe-off labels, and document holders.

| | | |
|---|---|---|
| Labelling options include engraved metal, back printed, non-scratch polycarbonate and write-on/wipe-off labels, and document holders. | AAWWLA5 | AAA5DH |
| |  |  |
|  | |  |

Wheels & Wheelboards

Cases greater than 750mm in length have provision for fitting optional 70mm 'roller-blade' recessed wheels.

All racks can be fitted with two optional recessed wheels, housed in the deeper 125mm lid. These robust wheels allow ease of handling with heavier loads and do not protrude beyond the external dimensions of the case or racks. They are designed to come into operation as the case or rack is tilted, but do not interfere with stacking or stowage. Two additional handles are provided on the front lid of racks fitted with wheels.

Wheel recess covers are also available.

| | | |
|---|---|---|
| AAINT610W/BK | AAW001 | AAWC/BK |
|  |  |  |
|  |  |  |

Amazon Case Applications

Certification and accreditations are available on request



Applications in

- Maritime
- Offshore & Geophysical
- Aerospace
- Secure Telecommunications
- Satellite Uplinks

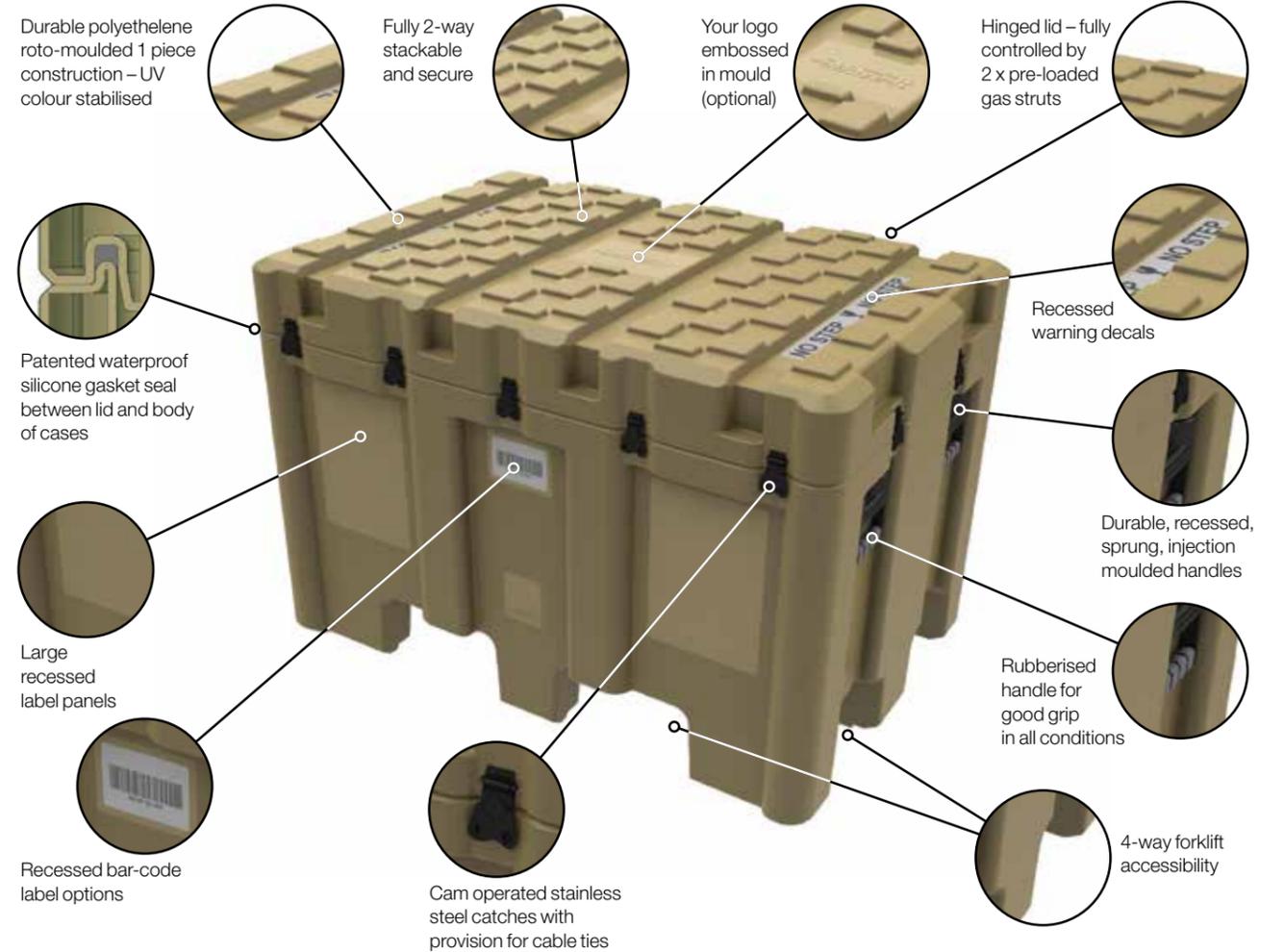


Move-It™
"Anytime, anyplace, anywhere"



The latest addition to the Amazon range, Move-It™ is a new dedicated pallet-size case and includes a 4-way forklift feature built-in, allowing for versatile warehouse and logistical handling.

This highly individual case has practical applications in all forms of planning operations and for transportation teams across a broad range of industries, both locally and for use in remote operations.



- Black as standard – other colours available.
- Accredited to MIL-STD-810F and rated IP65 and RoHS compliant.
- Standard Amazon stacking pattern – cross stacks with other sizes.
- Rotomoulded from high-grade virgin polyethylene for superior strength and impact absorption.
- Designed for industrial mechanical-handling.
- Automotive industry specification gas-struts provide safe control of the case lid.
- Impervious to water, acid, solvent and fuel oil contamination.
- 4-way forklift access.
- Stainless steel latches and hinges ensures performance in corrosive, outdoor and maritime environments.
- International military-standard tested and accredited for drop-shock and impact resistance.
- Customisable to users' requirements.
- Fully recyclable. ♻️
- Indelible customer branding if required.

| Part Number | External mm | | | Internal mm | | | Vol m³ | Wgt kg | Handles No. | Catches No. | Hinges No. | Wheels Y/N |
|-------------------|-------------|-----|-----|-------------|-----|-----|-----------|-----------|----------------|----------------|---------------|---------------|
| | L | W | H | L | W | H | | | | | | |
| AC1384-7015/AC/FL | 1230 | 840 | 850 | 1146 | 756 | 640 | 0.55 | 35.5 | 4 | 14 | 0 | No |
| AC1384-7015/FL | 1230 | 840 | 850 | 1146 | 756 | 640 | 0.55 | 35.5 | 4 | 9 | 5 | No |

Amazon Rack Features

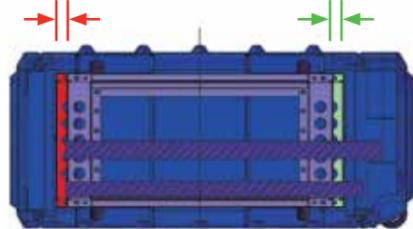
Amazon Racks

Amazon design skills have also been applied to produce a new generation of 19-inch racks to protect electronic, IT and telecommunications equipment against climatic extremes and rough handling in field conditions. Amazon Racks combine the tough resilience of a rotomoulded case with a lightweight chassis and a unique elastomeric suspension system.

Rack Positioning

All Amazon Racks (excluding the removable 'EasyGlide' option) have a user-adjustable inner rack chassis that can be positioned 25mm forward or back from its central position to allow the accommodation of varying front panel and rear wiring needs.

Frame can be positioned 25mm forward
 Frame can be positioned centrally
 Frame can be positioned 25mm rearward



Design features in addition to those of Amazon Cases include:

- U Size** Available from 4U to 14U with various standard 19-inch inner frame depth options
- M6 Fixing Holes** Rack frame has additional M6 fixing holes in the rear face to accommodate non-standard equipment
- Fasteners** Standard, stainless steel M6 threaded fasteners secure electronic equipment into floating stainless steel cage nuts at both front and rear of frame, providing ease of equipment fitting – all threaded fasteners are field replaceable, no special tool required
- Stacking** All racks have positive stacking, aligning at the front face
- Standards** Internal rack frame conforms to BS5954 / BS EN 60297 / DIN 41494
- Suitable for Corrosive Environments** Stainless steel chassis is available if the rack is to be used in saltwater environments
- Very Heavy Payloads** More robust chassis is available for heavy loads
- Mounts** Eight 45° angled elastomeric anti-vibration mounts (pat. pend.) with a choice of Shore hardness grades, angled towards centre of gravity of the rack frame, provide optimised shock protection in all orientations
- Sway** Superior 'sway-space' between inner frame and outercase to prevent contact with outer container under severe impact
- EasyGlide™** Optional 'EasyGlide' (pat. pend.) removable, self-anchoring, internal frame system for convenience and speed of maintenance/replacement of equipment
- Restriction of Hazardous Substances** The inner rack frame and all fittings are stainless steel, making Amazon Racks totally RoHS compliant

Tough injection moulded handles

Provision for linking straps

All sizes of Amazon Racks can be stacked on each other with a common level front face

Superior 'sway space' between inner frame and outer container to prevent contact under severe impact

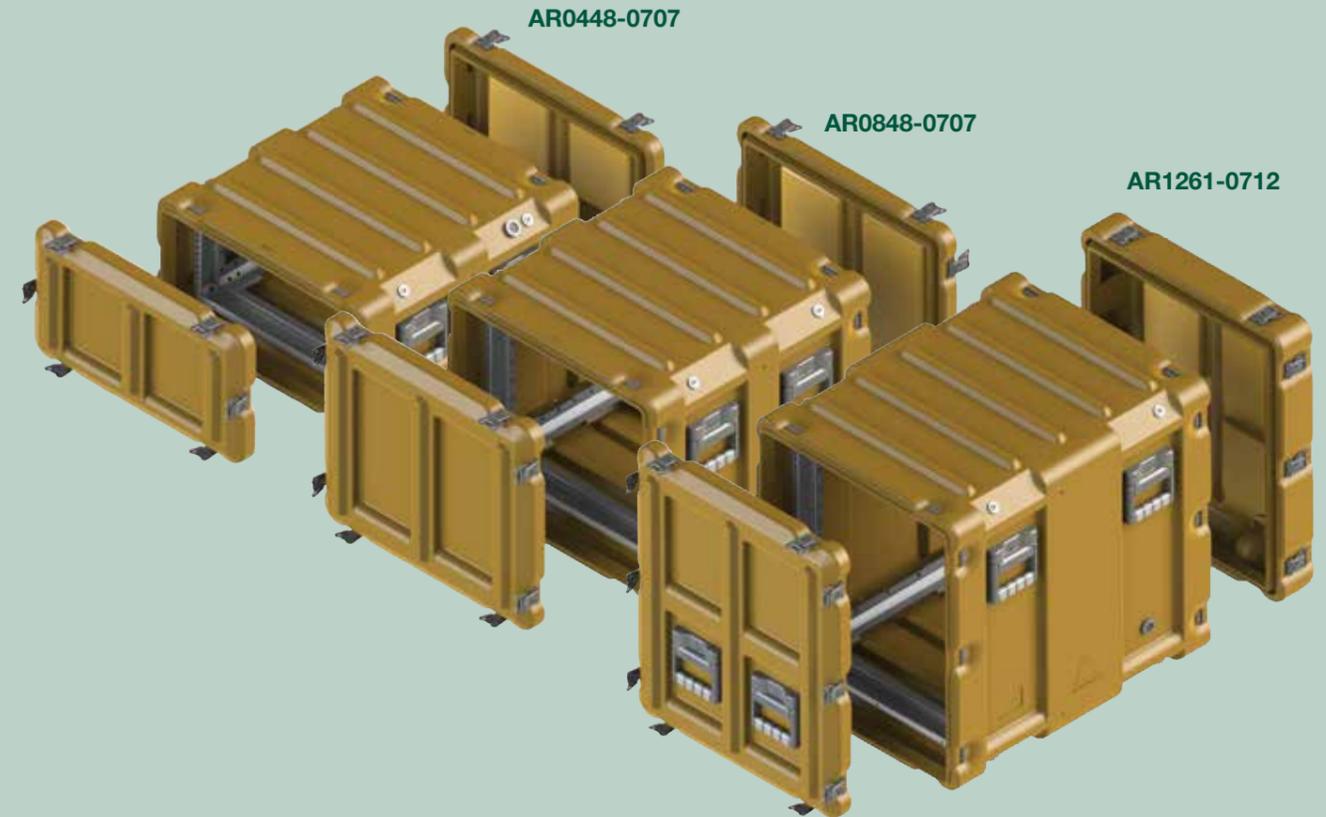
Patented Amazon lip locates into container body to prevent lid displacement

The inner frame is 'reversible' to offer either BS5954 / BS EN 60297 / DIN 41494 or alternatively fully punched rails for non standard equipment

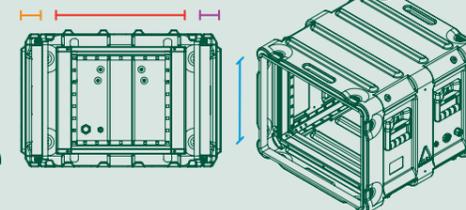
Eight 45° angled anti-vibration mounts (pat. pend.) focussed towards centre of gravity of the rack frame, provide consistent shock protection in all orientations

Fully welded aluminium 19-inch rack frame with floating, captive M6 stainless steel nuts and cages (registered design)

Sizes and Numbering



Scale comparison of Amazon Rack AR0848-0707 to a 6ft / 1.83m tall man



Size Numbering System

| | | | | | |
|-------------|---------------|--------------------|---|----------------------|---------------------|
| AR | 08 | 48 | — | 07 | 07 |
| Amazon Rack | Unit U-height | Chassis depth (cm) | | Lid depth front (cm) | Lid depth rear (cm) |

Amazon Rack Size List

U-Height
Chassis Depth
Max Equipment Depth*
Volume
Weight**
Handles
Catches
Quickship

| Part Number | External mm | | | U | mm | mm | m ³ | kg | No. | No. | Y/N | NSN |
|-------------|-------------|------|-----|----|-----|------|----------------|------------|-----|-----|-----|------------------|
| | H | D | W | | | | | | | | | |
| AR0448-0707 | 328 | 740 | 583 | 4 | 480 | 620 | 0.14 | 15.4 | 4 | 12 | Y | 8145-99-562-6611 |
| AR0448-0712 | 328 | 795 | 583 | 4 | 480 | 620 | 0.15 | 16.8 | 4 | 12 | Y | 8145-99-858-1856 |
| AR0461-0707 | 328 | 870 | 583 | 4 | 610 | 750 | 0.17 | 16.7 | 4 | 12 | Y | 8145-99-834-8328 |
| AR0461-0712 | 328 | 925 | 583 | 4 | 610 | 750 | 0.18 | 18.1 | 4 | 12 | Y | 8145-99-284-6890 |
| AR0487-0707 | 328 | 1130 | 583 | 4 | 870 | 1010 | 0.22 | 19.3 | 4 | 12 | Y | 8145-99-585-8895 |
| AR0487-0712 | 328 | 1185 | 583 | 4 | 870 | 1010 | 0.22 | 20.7 | 4 | 12 | Y | 8145-99-968-6744 |
| AR0648-0707 | 417 | 740 | 583 | 6 | 480 | 620 | 0.18 | 16.5 | 4 | 12 | Y | 8145-99-989-1224 |
| AR0648-0712 | 417 | 795 | 583 | 6 | 480 | 620 | 0.19 | 17.9 | 4 | 12 | Y | 8145-99-896-0886 |
| AR0661-0707 | 417 | 870 | 583 | 6 | 610 | 750 | 0.21 | 17.8 | 4 | 12 | Y | 8145-99-133-7690 |
| AR0661-0712 | 417 | 925 | 583 | 6 | 610 | 750 | 0.22 | 19.2 | 4 | 12 | Y | 8145-99-162-8327 |
| AR0687-0707 | 417 | 1130 | 583 | 6 | 870 | 1010 | 0.27 | 20.4 | 4 | 12 | Y | 8145-99-613-6052 |
| AR0687-0712 | 417 | 1185 | 583 | 6 | 870 | 1010 | 0.29 | 21.8 | 4 | 12 | Y | 8145-99-386-8422 |
| AR0848-0707 | 506 | 740 | 583 | 8 | 480 | 620 | 0.22 | 20.5 | 4 | 16 | Y | 8145-99-700-9000 |
| AR0848-0712 | 506 | 795 | 583 | 8 | 480 | 620 | 0.23 | 21.9 | 4 | 16 | Y | 8145-99-339-4918 |
| AR0861-0707 | 506 | 870 | 583 | 8 | 610 | 750 | 0.26 | 21.8 | 4 | 16 | Y | 8145-99-862-1593 |
| AR0861-0712 | 506 | 925 | 583 | 8 | 610 | 750 | 0.27 | 23.2 | 4 | 16 | Y | 8145-99-742-3340 |
| AR0874-0707 | 506 | 1000 | 583 | 8 | 740 | 880 | 0.29 | 23.1 | 4 | 16 | Y | 8145-99-152-0885 |
| AR0874-0712 | 506 | 1055 | 583 | 8 | 740 | 880 | 0.31 | 24.4 | 4 | 16 | Y | 8145-99-701-9986 |
| AR1048-0707 | 595 | 740 | 583 | 10 | 480 | 620 | 0.26 | 22.1 | 4 | 20 | Y | 8145-99-666-7179 |
| AR1048-0712 | 595 | 795 | 583 | 10 | 480 | 620 | 0.28 | 23.5 | 4 | 20 | Y | 8145-99-133-7691 |
| AR1061-0707 | 595 | 870 | 583 | 10 | 610 | 750 | 0.30 | 23.4 | 4 | 20 | Y | 8145-99-701-9229 |
| AR1061-0712 | 595 | 925 | 583 | 10 | 610 | 750 | 0.32 | 24.8 | 4 | 20 | Y | 8145-99-509-7384 |
| AR1248-0707 | 684 | 740 | 583 | 12 | 480 | 620 | 0.30 | 23.2 | 4 | 20 | Y | 8145-99-337-7069 |
| AR1248-0712 | 684 | 795 | 583 | 12 | 480 | 620 | 0.32 | 24.6 | 4 | 20 | Y | 8145-99-736-7317 |
| AR1261-0707 | 684 | 870 | 583 | 12 | 610 | 750 | 0.35 | 24.5 | 4 | 20 | Y | 8145-99-000-4541 |
| AR1261-0712 | 684 | 925 | 583 | 12 | 610 | 750 | 0.37 | 25.9 | 4 | 20 | Y | 8145-99-853-3739 |
| AR1448-0707 | 773 | 740 | 583 | 14 | 480 | 620 | 0.34 | 24.8 | 4 | 24 | N | 8145-99-741-6696 |
| AR1448-0712 | 773 | 795 | 583 | 14 | 480 | 620 | 0.36 | 26.2 | 4 | 24 | N | 8145-99-958-8884 |
| AR1448-0725 | 773 | 925 | 583 | 14 | 480 | 620 | 0.41 | <i>TBA</i> | 4 | 24 | N | <i>TBA</i> |
| AR1461-0707 | 773 | 870 | 583 | 14 | 610 | 750 | 0.40 | 26.1 | 4 | 24 | N | 8145-99-403-3266 |
| AR1461-0712 | 773 | 925 | 583 | 14 | 610 | 750 | 0.42 | 27.5 | 4 | 24 | N | 8145-99-848-1384 |
| AR1461-0725 | 773 | 1055 | 583 | 14 | 610 | 750 | 0.48 | <i>TBA</i> | 4 | 24 | N | <i>TBA</i> |

* Defines max equipment depth that can be fitted in the chassis, provided:

- 1 The chassis is forward mounted by 25mm
- 2 The rack has a deep (125mm) rear lid
- 3 The equipment is not mounted in the lowest U-Space (drawings available on request)

** Approximate weight
For additional weight with EasyGlide accessory, see page 16

Wheel Options for Amazon Racks

Part numbers ending 0707 have two shallow lids (70mm), front and rear. For optional wheels, select part numbers ending 0712, which have one shallow lid front (70mm) and one deep lid rear (125mm) to accommodate wheel recess.

When wheels are required, 2x edge wheels are factory-fitted to the rear (125mm) lid, and 2x handles are fitted to the front (70mm) lid to facilitate easy lift and roll.

Note: Part Codes shown in italics are in progress

Amazon Rack Applications

Certification and accreditations are available on request



Amazon Rack Accessories

Elastomeric Mount Options

Stiffer elastomeric mounts are available for payloads in excess of 50kg. Elastomeric mounts can also be fitted in tandem at each corner of the internal suspended frame, to give a total of 16 anti-vibration mounts. This provides a controlled ride for very heavy loads.

AAAVM458 Fit additional 8 AV mounts, 45 shore hardness
 AAAVM608 Fit additional 8 AV mounts, 60 shore hardness
 AAAVM45 Supply only additional 8 AV mounts, 45 shore hardness
 AAAVM60 Supply only additional 8 AV mounts, 60 shore hardness



Wire Rope Anti-Vibration Mounts

These are comprised of stainless steel stranded cable, threaded through aluminium alloy retaining bars, for effective vibration isolation. Their corrosion-resistance, all-metal construction, gives high-performance shock and vibration protection in hostile environments and are unaffected by temperature extremes, chemicals, oils, solvents and abrasives. Factory fit with order.



EasyGlide™ (Removable Chassis System)

Removable 'EasyGlide' chassis frame option allows the complete withdrawal of the 19-inch inner frame in constricted spaces or semi-permanent installations, without loss of anti-vibration characteristics.

Add following to total weight if EasyGlide included:
 480mm chassis: 1.7kg
 610mm chassis: 2.0kg
 740mm chassis: 2.4kg
 870mm chassis: 2.8kg (E)

Other U-Heights are available subject to engineering approval

EZG3-0448 for 4u chassis height x 480mm deep
 EZG3-0461 for 4u chassis height x 610mm deep
 EZG3-0487 for 4u chassis height x 870mm deep
 EZG3-0648 for 6u chassis height x 480mm deep
 EZG3-0661 for 6u chassis height x 610mm deep
 EZG3-0687 for 6u chassis height x 870mm deep
 EZG3-0848 for 8u chassis height x 480mm deep
 EZG3-0861 for 8u chassis height x 610mm deep
 EZG3-0874 for 8u chassis height x 740mm deep
 EZG3-1048 for 10u chassis height x 480mm deep
 EZG3-1061 for 10u chassis height x 610mm deep
 EZG3-1248 for 12u chassis height x 480mm deep
 EZG3-1261 for 12u chassis height x 610mm deep
 EZG3-1448 for 14u chassis height x 480mm deep
 EZG3-1461 for 14u chassis height x 610mm deep



Earthing / Grounding Point

Earthing / grounding points can be fitted to allow for discharge of static electricity from the inner rack frame and its mounted equipment.



Injection Moulded Handles

The number of handles supplied with standard cases is shown in the size list. Additional injection moulded handles can be fitted if required.



Protective Skirts

For protection against the ingress of rain under operational conditions with the lid removed, a flexible rubber skirt can be fitted between the outer casing and the internal rack frame. It is important to ensure that equipment front panels are watertight to prevent water entry.

AAPS04 for 4U rack
 AAPS06 for 6U rack
 AAPS08 for 8U rack
 AAPS10 for 10U rack
 AAPS12 for 12U rack
 AAPS14 for 14U rack



Cable Storage Pouch

Zippered pouch that can be secured in place in both shallow and deep rack lids for the storage of cabling and leads. Cable pouches can be retrofitted by users without the use of tools.

AASP0407/BK for 4U rack x 70mm lid
 AASP0412/BK for 4U rack x 125mm lid
 AASP0607/BK for 6U rack x 70mm lid
 AASP0612/BK for 6U rack x 125mm lid
 AASP0807/BK for 8U rack x 70mm lid
 AASP0812/BK for 8U rack x 125mm lid
 AASP1007/BK for 10U rack x 70mm lid
 AASP1012/BK for 10U rack x 125mm lid
 AASP1207/BK for 12U rack x 70mm lid
 AASP1212/BK for 12U rack x 125mm lid
 AASP1407/BK for 14U rack x 70mm lid
 AASP1412/BK for 14U rack x 125mm lid



Butterfly Latches

Standard cam-operated butterfly latch.



Lid Hangers

For storage of lids while the rack is in use. This is a factory fit only item.

AALH/BK



Stainless Steel Handles

Black powder-coated stainless steel handles are available as an alternative to the injection moulded handles supplied as standard.



Tie-downs

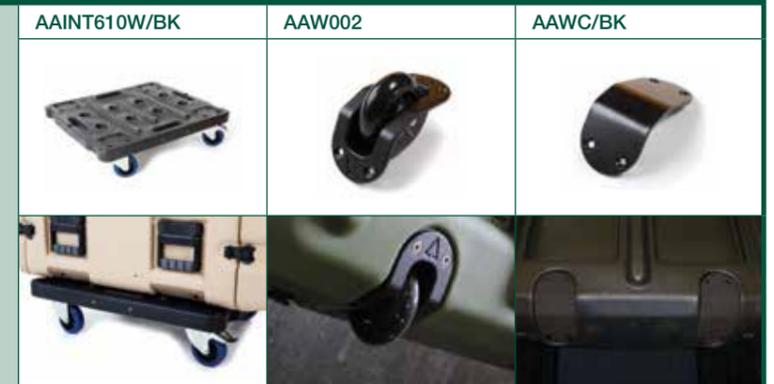
Transportation tie-downs are available as an alternative to the injection moulded handles supplied as standard.



Wheels & Wheelboards

All racks can be fitted with two optional recessed wheels, housed in the deeper 125mm lid. These robust wheels allow ease of handling with heavier loads and do not protrude beyond the external dimensions of the case or racks. They are designed to come into operation as the case or rack is tilted, but do not interfere with stacking or stowage. Two additional handles are provided on the front lid of racks fitted with wheels.

Wheel recess covers are also available.



Amazon Rack Accessories

Insect Hood

Transparent membrane to protect sensitive equipment while still allowing visual access to the rack.

AAMN04 for 4U Amazon rack
AAMN06 for 6U Amazon rack
AAMN08 for 8U Amazon rack
AAMN10 for 10U Amazon rack
AAMN12 for 12U Amazon rack
AAMN14 for 14U Amazon rack

Stiffening Ring

Additional strengthening capability for rack access ports.

AASR04 for 4U Amazon rack
AASR06 for 6U Amazon rack
AASR08 for 8U Amazon rack
AASR10 for 10U Amazon rack
AASR12 for 12U Amazon rack
AASR14 for 14U Amazon rack

Fixed Support Rails

Stainless steel fixed rails can be user-fitted to 480mm and 610mm deep frames to support heavy/deep equipment. In addition brackets and fixings can be designed and supplied for installing non-19 inch equipment within the rack frame. (Self-colour pair of rails, inc fixings, provided)

AASR48 for 480mm chassis
AASR61 for 610mm chassis
AASR74 for 740mm chassis
AASR87 for 870mm chassis

Support Shelf

Stainless steel full width shelf to provide extra support for heavy payloads.

AASSFW48 for 480mm chassis
AASSFW61 for 610mm chassis
AASSFW74 for 740mm chassis
AASSFW87 for 870mm chassis

Automatic Pressure Relief Valve (PRV)

A two-way automatic pressure relief valve with manual override release push button enables equalisation of the pressure inside and outside the container.

AAPRV

Gore® Membrane Vent

A Gore® membrane vent allowing gradual equalisation of internal and external pressure without ingress of dust or water.

AAGTV

Humidity Indicator

Humidity indicator and replaceable desiccant container for effective humidity control during long-term storage.

AAHI3050

Air Management & Climate Control

Axial fan, with filter, holder and protective louvre panel, can be added to facilitate ventilation and cool internals. (120mm x 120mm x 25mm)

AAFK01/12V/DC
AAFK01/240V/DC
AAFK01/240V/AC

Labelling

Labelling options include engraved metal, back printed, non-scratch polycarbonate and write-on/wipe-off labels, and document holders.

Available on request

Fixings

M6 stainless steel cage nut, panel screw and finishing washer (pack of 16).

AA423

Rack Straps

Secures racks together when stacked. All racks align at the front regardless of rack depth.

AAPLS/BK

Rack Drainage

The optional drain hole allows water to be drained whilst retaining the integrity of the outer container with the lids in place.

AADH

Interstacker

Interstacker allows Amazon Racks to be stacked securely onto Amazon Cases. The same interstacker can be fitted with 4 x 100mm castors to provide secure location and movement of heavy loads up to 300kg.

AAINT610/BK

Other CP Products and Services

Climate Control

CP Cases Climate Control is a new offering delivering air conditioning and climate control units for use in CP Cases' Amazon Cases & Racks.

Delivered either as a COOL-COLLAR™ or as an integrated unit, CPCC provides a one-stop-shop for 19-inch rack mount cases complete with air conditioning to maintain

equipment's optimal operating conditions. Available in thermoelectric, for heating as well as cooling, and vapour compression, for high efficiency and volume, formats.

All CP Cases Climate Control units can be fitted with accessories including stowage pouches, wheel kits, pressure relief valves and humidity indicators.



COOL-COLLAR™

COOL-COLLAR™ is a air conditioning capability for 19-inch racks that utilises the patented Amazon lip and silicone gasket to create an airtight and waterproof seal to allow the unit to function in extreme conditions. The unit is attached to an existing rack to maintain an optimum operation temperature for equipment.

Where a greater cooling requirement is needed, two COOL-COLLARs™ with AC units can be fitted to both the front and rear of the rack. Units are available up to 5000 BTU (1465 watts) which can be fitted to 12U racks and collars.



Integrated Units

Built directly into the rack system, these climate control units provide cooling and heating, when required, automatically when temperature perimeters are met. Normally end-mounted, CP Cases offer the capability to integrate in a range of orientations to fit client requirements.

Amazon Size Numbering System

| Part Number* | Description | External mm | | | U | No. | No. | No. | kg |
|--------------------|--|-------------|-----|-----|----|-----|-----|-----|-----------|
| | | H | W | D | | | | | |
| AACC 0624-0707 TEU | COOL Collar 6U 2 x 70 mm lid | 402 | 583 | 380 | 6 | 2 | 12 | N | 10.28 |
| AACC 0624-0712 TEU | COOL Collar 6U 1 x 70 mm lid & 1 x 125 mm lid | 402 | 583 | 435 | 6 | 2 | 12 | Y | 11.36 |
| AACC 0835-0707 TEU | COOL Collar 8U 2 x 70 mm lid | 491 | 583 | 490 | 8 | 2 | 16 | N | 12.82 |
| AACC 0835-0707 VCC | COOL Collar 8U 2 x 70 mm lid | 491 | 583 | 490 | 8 | 2 | 16 | N | 11.19 (E) |
| AACC 0835-0712 TEU | COOL Collar 8U 1 x 70 mm lid & 1 x 125 mm lid | 491 | 583 | 545 | 8 | 2 | 16 | Y | 13.85 |
| AACC 0835-0712 VCC | COOL Collar 8U 1 x 70 mm lid & 1 x 125 mm lid | 491 | 583 | 545 | 8 | 2 | 16 | Y | 12.22 (E) |
| AACC 1035-0707 TEU | COOL Collar 10U 2 x 70 mm lid | 580 | 583 | 490 | 10 | 2 | 20 | N | 14.95 (E) |
| AACC 1035-0707 VCC | COOL Collar 10U 2 x 70 mm lid | 580 | 583 | 490 | 10 | 2 | 20 | N | 13.06 (E) |
| AACC 1035-0712 TEU | COOL Collar 10U 1 x 70 mm lid & 1 x 125 mm lid | 580 | 583 | 545 | 10 | 2 | 20 | Y | 16.13 (E) |
| AACC 1035-0712 VCC | COOL Collar 10U 1 x 70 mm lid & 1 x 125 mm lid | 580 | 583 | 545 | 10 | 2 | 20 | Y | 14.24 (E) |
| AACC 1224-0707 TEU | COOL Collar 12U 2 x 70 mm lid | 669 | 583 | 380 | 12 | 2 | 20 | N | 14.79 |
| AACC 1224-0712 TEU | COOL Collar 12U 1 x 70 mm lid & 1 x 125 mm lid | 669 | 583 | 435 | 12 | 2 | 20 | Y | 17.12 |
| AACC 1235-0707 TEU | COOL Collar 12U 2 x 70 mm lid | 669 | 583 | 490 | 12 | 2 | 20 | N | 15.74 (E) |
| AACC 1235-0707 VCC | COOL Collar 12U 2 x 70 mm lid | 669 | 583 | 490 | 12 | 2 | 20 | N | 15.19 (E) |
| AACC 1235-0712 TEU | COOL Collar 12U 1 x 70 mm lid & 1 x 125 mm lid | 669 | 583 | 545 | 12 | 2 | 20 | Y | 18.07 (E) |
| AACC 1235-0712 VCC | COOL Collar 12U 1 x 70 mm lid & 1 x 125 mm lid | 669 | 583 | 545 | 12 | 2 | 20 | Y | 17.52 (E) |

* TEU = Thermoelectric Unit
VCC = Vapour Compression Cycle

Weight listed is for COOL-COLLAR only.
Please contact CP Cases for air conditioner weights.
(E) = Estimated weight

U-Height
Handles
Latches
Wheels
Weight

SatRack™



Designed for Electronic News Gatherers and Media Professionals, operating across the globe, SatRack is a lightweight solution that can be carried on commercial airlines as checked luggage, saving time and avoiding additional baggage charges for those who need

delicate electronic and satcom equipment to be quickly deployable and available immediately.

SatRack's novel and patented design is available in standard sizes of 3U, 4U and 5U versions with a 480 or 610mm deep, ultra-lightweight welded aluminium floating frame and is fully compatible with all 19-inch rack-mountable equipment. This design offers an exceptional strength-to-weight ratio and equipment panel fixing rails located at both ends of the frame allow for flexible mounting of kit.

(Also available for 9.5-inch racks.)

Aluminium Cases



A triumph of strength and style, CP Cases aluminium cases protect their contents even under severe impact and are tougher, lighter and more resilient than traditional designs in laminated plywood.

CP Cases aluminium cases are the ideal balance between style and protection. Made from 2mm rigidised aluminium, cases are constructed without an edge corner weld to prevent seam splitting and the pre-pressed corners add extra strength and exceptional resistance to drop damage.

The inter-locking lid/body seal, with an integrated neoprene rubber gasket, protects contents against rain, dirt, dust and other environmental hazards.

Custom Solutions



CP Cases' design team can create a solution for any application that you or your products require. Designers are equipped with state-of-the-art capabilities and have extensive experience in diverse manufacturing processes including rotomoulding, blow moulding and injection moulding, vacuum forming, precision sheet metal work and traditional craft skills in a wide range of materials.

ERack®



ERack is a lightweight, 19-inch ruggedised aluminium electronic transit rack, specifically designed for commercial and military applications when protection against physical, climatic and electromagnetic hazards are required, and where weight, strength and portability are critical issues.

ERack benefits from patented new technology; the external container has an innovative folded rim design, which eliminates the edge extrusion and makes the case stronger, lighter and more resistant to ingress by water and dust. The internal chassis frame is supported by special mounts that protect against shock. ERack is up to 30% lighter than other rack cases in its class.

Rugged Textiles



CP Cases manufactures a wide range of bags and covers for Original Equipment Manufacturers (OEMs), to provide a cost effective and practical solution for moving, deploying and protecting equipment and instrumentation. Products are widely

used in the medical, defence, electronics and broadcast industries for a variety of applications.

Whether protecting expensive broadcast equipment from rain showers at Wimbledon, to sales presentation packs for artificial knee joints, or operational bags for aircraft testing equipment; CP Cases can provide a solution. The design team draws on years of experience with protective textiles to create the most cost-effective bag for your needs.

Foam Engineering



CP Cases can create foam protection systems to meet exacting project requirements for colour, multi-layering and special properties, by a variety of processes, including high speed CNC routing, laminating, drilling, blocking and hand sculpting. Calculating which density and composition of foam to use and the exact thickness required to produce the desired deceleration on impact, ensures the best protection possible.



CP Cases Ltd

Unit 11 Worton Hall Industrial Estate | Worton Road | Isleworth | Middlesex | TW7 6ER | UK
Tel: +44 (0) 20 8568 1881 | Fax: +44 (0) 20 8568 1141
www.cpcases.com

**TRUSTED
WHEN IT
MATTERS**

About CP Cases

CP Cases designs and manufactures high-performance, protective cases and racks used for transport, operation and storage of essential equipment in commercial and military applications.

Many of our products are accredited to MIL-STD-810, rated IP65 and carry NATO stock numbers. With over 40 years' of expertise in producing cases, 19-inch rack solutions and rugged textile products, CP Cases has an unparalleled range of in-house skills and knowledge with materials and processes, including rotationally moulded products, plastic fabrication, aluminium, laminated plywood, HPP, textiles and CNC foam machining.

Full Capability Statement available on request.

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