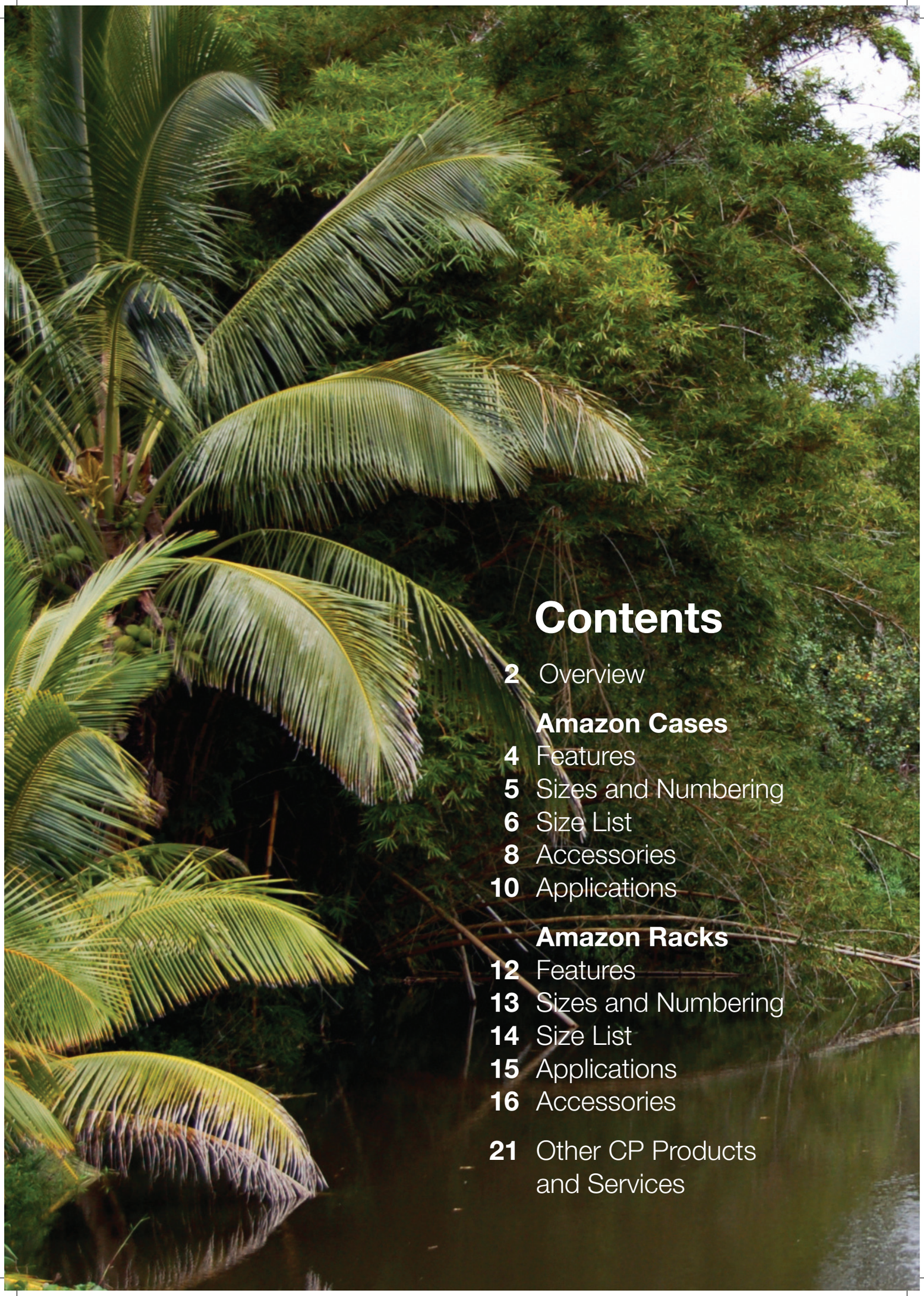
Amazon Cases & Racks™

cpcases



AMAZON
CASES & RACKS



Contents

2 Overview

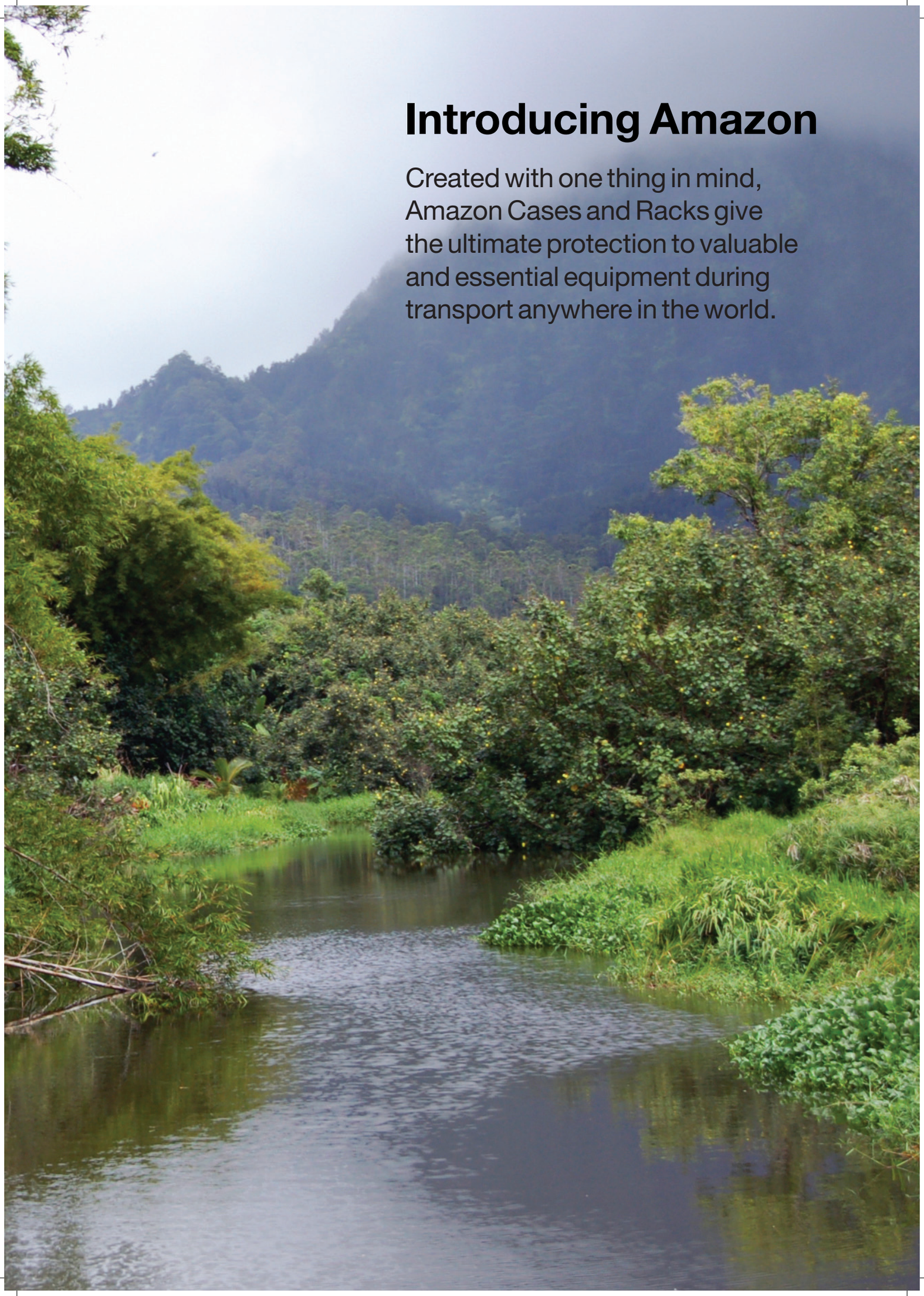
Amazon Cases

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Amazon Racks

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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.

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 steel inserts, allowing 'no hassle' in the field replacement if ever required. A silicon 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.

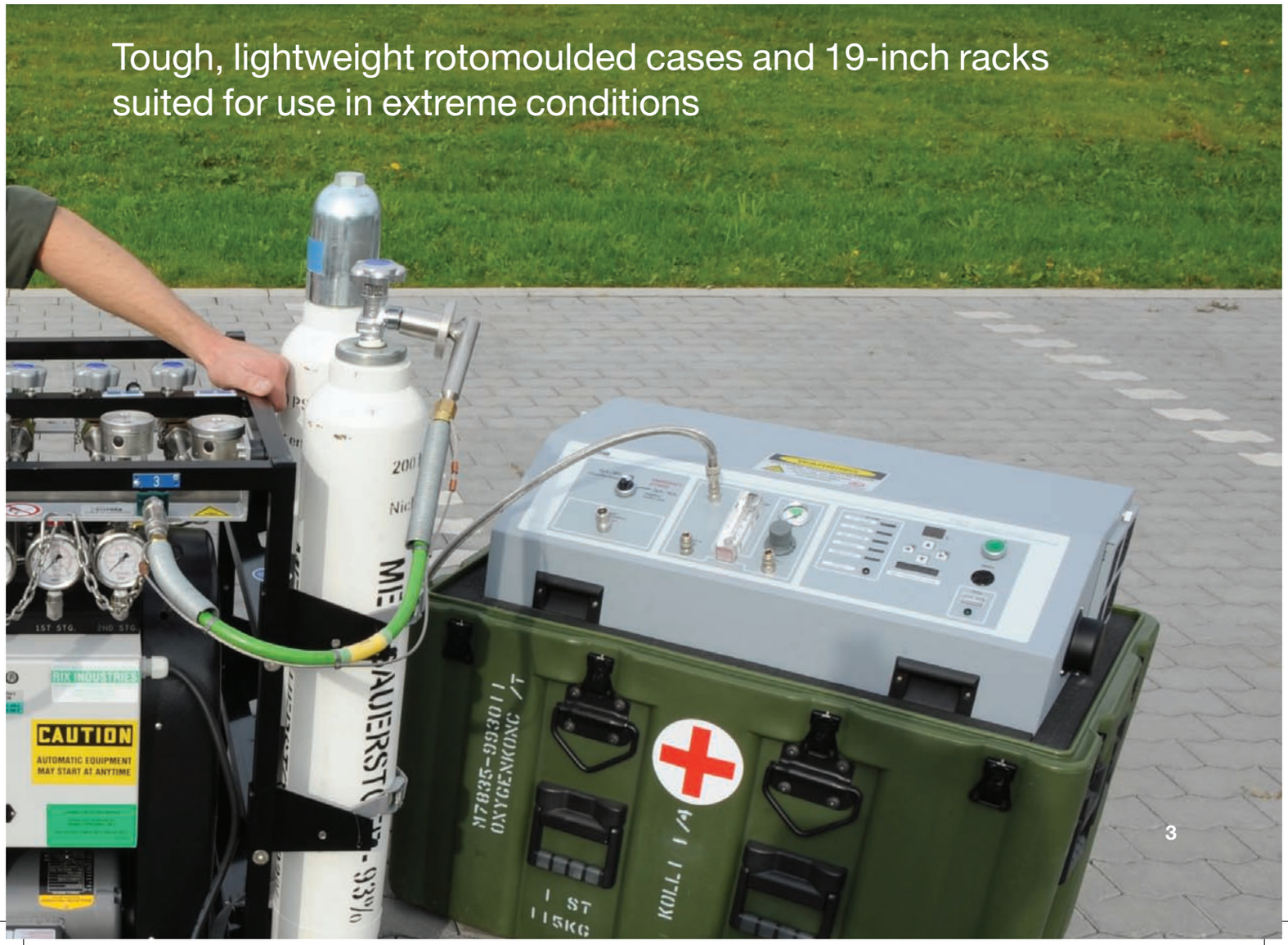
Other build options include stainless steel anchor points with 180° movement for tie down to transport systems or crane lifting and replacement stainless steel handles as well as a padlockable version of the latch for extra security.



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 stainless steel frame, suspended by eight 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.





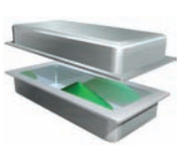
Amazon Case Features

Amazon Cases®

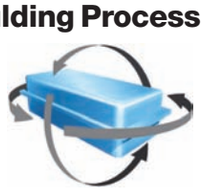
All Amazon Cases are produced using rotomoulding. Ideal for making tough, waterproof products and utilising a high quality polymer that thickens at the edges and corners for extra strength and impact resistance, Amazon has brought rotomoulded containers to a new level for the 21st century by using decades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

The Rotomoulding Process



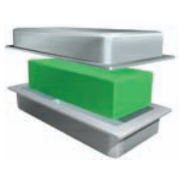
1 Mould filled with polymer powder



3 Cooling cycle



2 Heating and rotation



4 Removal and cooling in a 'jig'

Appearance Colours moulded right through to retain appearance if scratched

Colours Available in NATO green, admiralty grey, black and desert sand, with other colours available for orders of 25 or more – all colours are UV stabilised

Compliance Complies with MIL-STD-810F

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

Patented Unique patented design

Recyclable

Restriction of Hazardous Substances All fittings, including catches, hinges and lid stay are stainless steel, making Amazon Cases totally RoHS compliant

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, tubular silicone lid seal stable in temperatures from –40°c to +70°c

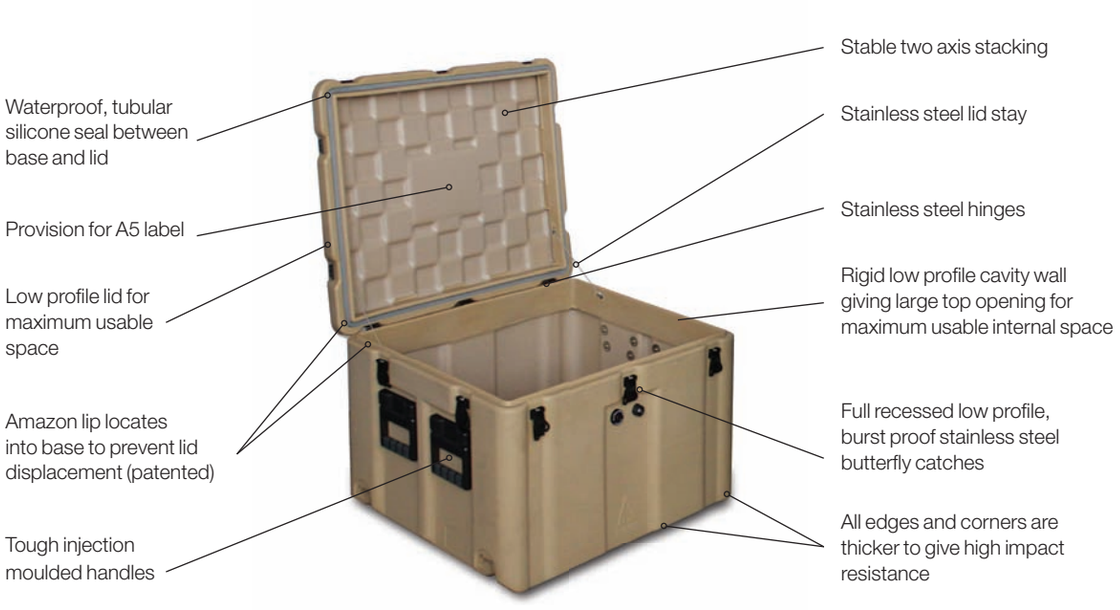
Space Maximised capacity versus external size

Stacking Two axis location and engagement feature for positive stacking

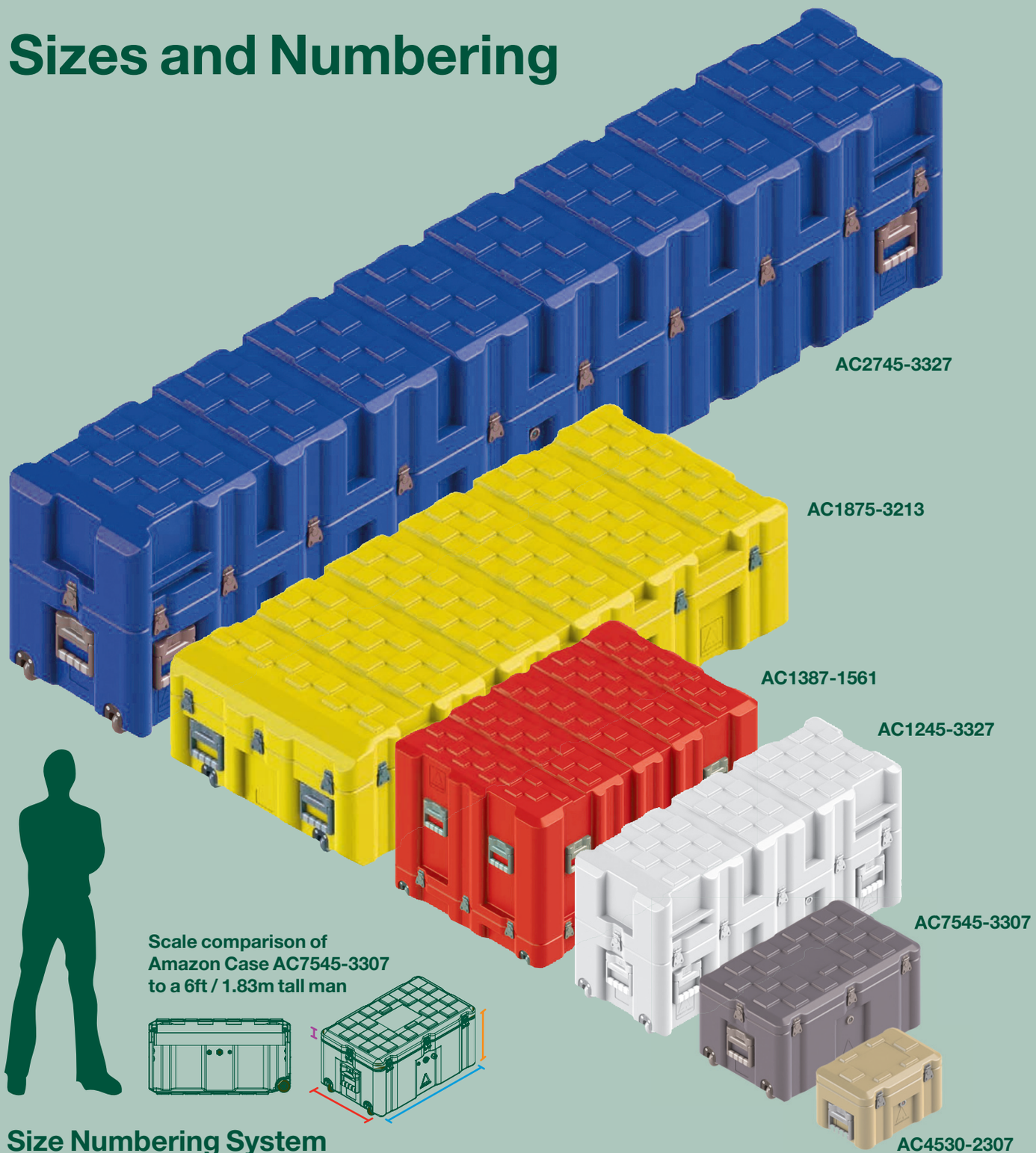
Temperature Stable in temperatures from –40°c to +70°c

Tough Corrosion proof and resistant to solvents and acids

Waterproof IP65 rated cases impervious to sand and dust and resist water



Sizes and Numbering



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

Size Numbering System

AC	75	45	–	33	07	/AC
Amazon Case code	Length	Width		Base height	Lid Height	Suffix

Key to Suffix

/AC	/FL
All Catch	Fork Lift

Key to NATO Stock Numbering (NSN)

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

Amazon Case Size List

Part Number	External mm			Internal mm			Volume	Weight**	Handles	Catches	Hinges	Wheels*	Skids	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	0	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
AC7545-3307	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	531	760	779	446	700	0.35	18.0	6	10	0	Y	N	Y	8145-99-480-8493
AC8754-1561/AC	864	531	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	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	-
AC9261-4115/AC	915	610	559	831	527	498	0.31	19.9	4	8	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	-
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	-
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
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	1216	666	230	0.31	22.5	4	18	0	Y	Y	Y	-
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	356	1422	406	305	0.26	24.9	4	12	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
AC2156-2316/AC	2057	560	385	1981	482	355	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

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

Vacuum, Pressure, Humidity & Venting

Part Code	Description
AAPRV	Automatic pressure / vacuum relief valve (PRV)
AAHI	Humidity indicator
AAGTV	Vent valve, GORE-TEX® membrane



AAPRV



AAHI



AAGTV

Handles, Tie Downs & Latches

Part Code	Description
AAL/BK	Standard Amazon cam operated butterfly latch, stainless steel, black
AALPL/BK	Standard Amazon cam operated butterfly latch, stainless steel, hasp and padlock eye, black
AALC236/BK	Toggle latch, key-lockable, common key, black
AABTPL/BK	Toggle latch, hasp and padlock eye (suitable for cases only), black
AAHPL/BK	Standard Amazon injection moulded handle, with comfort grip, black
AAHSB/BK	Amazon stainless steel handle, with rubber grip, alternative to AAHPL (same hole size & centres), black
AATD001/BK	Amazon stainless steel, lift/tie-down anchor, black



AAL/BK



AALPL/BK



AALC236/BK



AABTPL/BK



AAHPL/BK



AAHSB/BK



AATD001/BK

Labels & Label Holders

Part Code	Description
AAWWLA5	Amazon A5 label, write-on-wipe-off (for use with permanent marker – removable white spirit)
AAA5DH	Amazon A5 document holder



AAWWLA5



AAA5DH

Edge Wheels, Wheelboards & Interstackers

Part Code	Description
AAINT610/BK	Amazon interstacker (for use with Amazon Racks), black
AAINT610W/BK	Amazon case wheelboard (inc 2x swivel castors + 2x brake swivel castors), black
AAW001	Amazon wheel kit for cases (pair, including fixings)
AAWC/BK	Amazon wheel recess cover, black (pair)



AAINT610/BK



AAINT610W/BK



AAW001



AAWC/BK

Forklift Skids

Part Code	Description
AAFS45-2/BK	Amazon fork lift skids, to suit case footprint AC9045 to AC1245, black
AAFS45-2-1W/BK	Amazon fork lift skids, to suit case footprint AC1545 to AC2745, black
AAFS60-2/BK	Amazon fork lift skids, to suit case footprint AC9060, black
AAFS60-3/BK	Amazon fork lift skids, to suit case footprint AC1260, black
AAFS75-2/BK	Amazon fork lift skids, to suit case footprint AC1275, black
AAFS75-3/BK	Amazon fork lift skids, to suit case footprint AC1575, black
AAFS75-4/BK	Amazon fork lift skids, to suit case footprint AC1875, black
AAFS87-2/BK	Amazon fork lift skids, to suit case footprint AC1187, black
AAFS87-3/BK	Amazon fork lift skids, to suit case footprint AC1387, black
AAFS87-4	Amazon fork lift skids, to suit case footprint AC1687, black



AAFS45-2/BK – AAFS87-4

Cables & Accessory Stowage Pouches

Available on request



Amazon Case Applications





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 stainless steel rack frame and a unique elastomeric suspension system.

Design features in addition to those of Amazon Cases include:

Size Available from 4U to 14U with various standard 19-inch inner frame depth options

Mounts Eight 'Bi-Angle' elastomeric anti-vibration mounts (pat. pend.) with a choice of 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

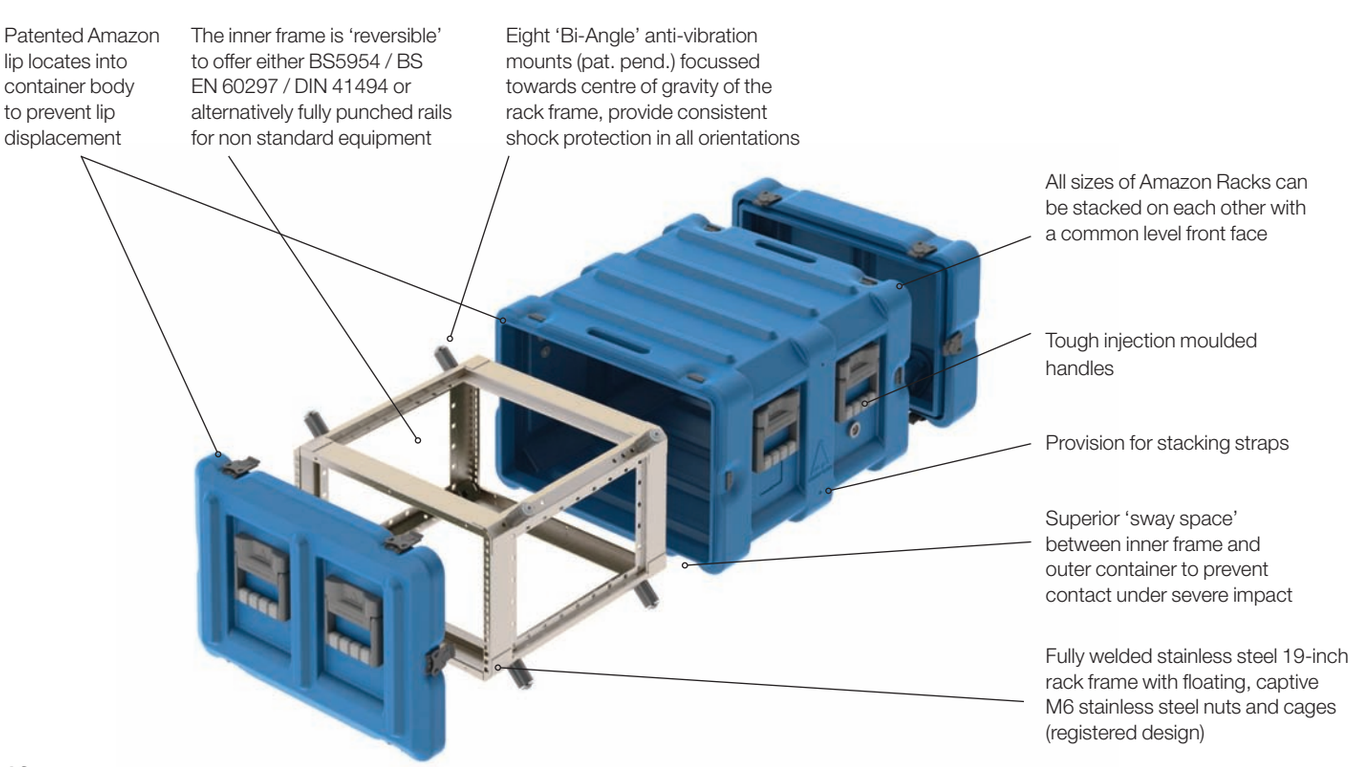
Fasteners Standard, stainless steel M6 threaded fasteners secure electronic equipment into floating stainless steel cage nuts at both front and rear of frame, providing ease of equipment fitting – all threaded fasteners are field replaceable, no special tool required

Fixing Holes Rack frame has additional M6 fixing holes in the rear face to accommodate non-standard equipment

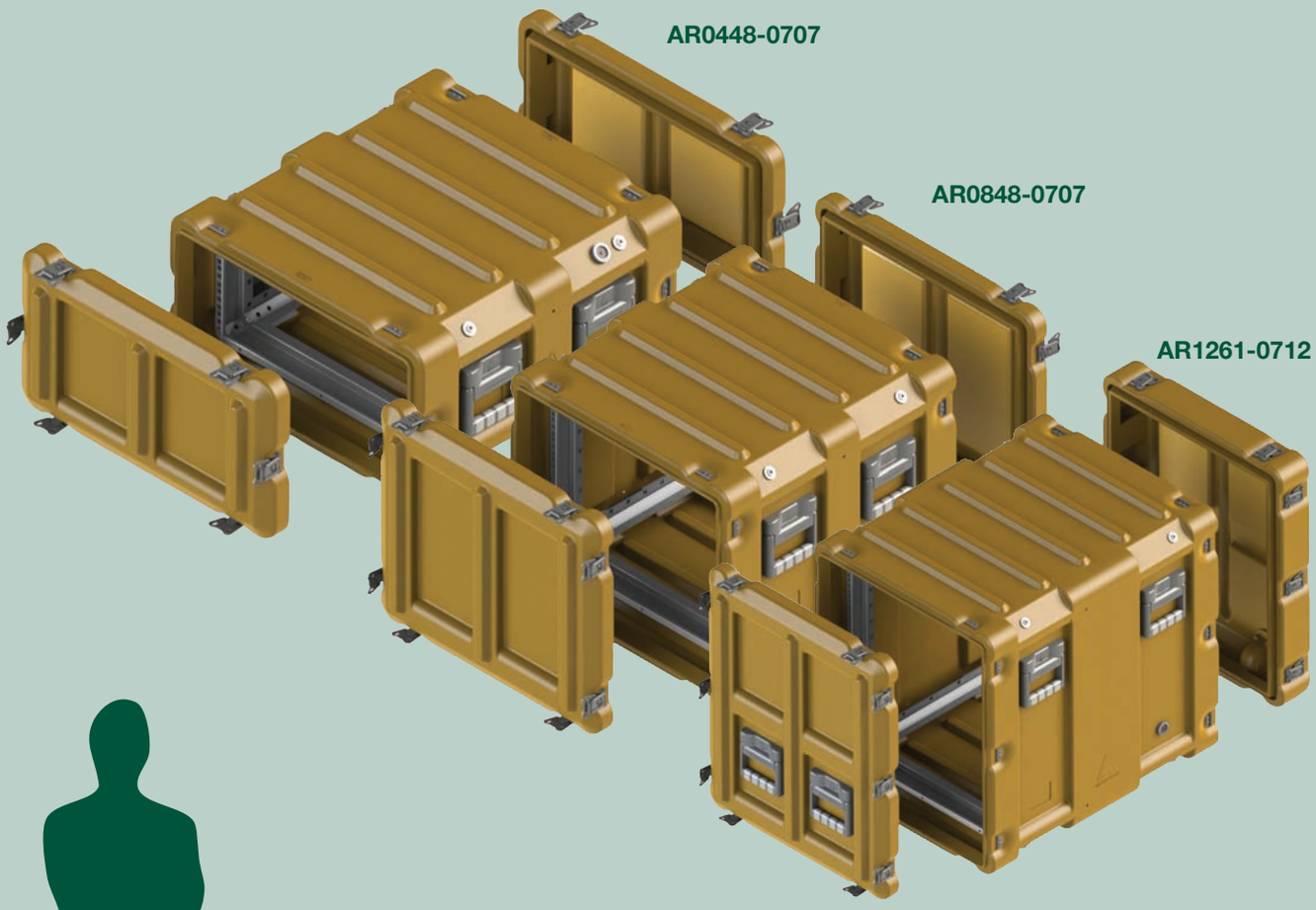
Restriction of Hazardous Substances The inner rack frame and all fittings are stainless steel, making Amazon Racks totally RoHS compliant

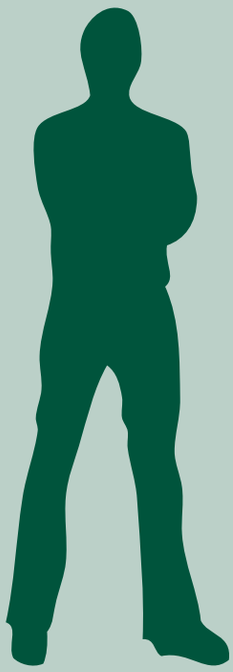
Stacking All racks have positive stacking, aligning at the front face

Standards Internal rack frame conforms to BS5954 / BS EN 60297 / DIN 41494

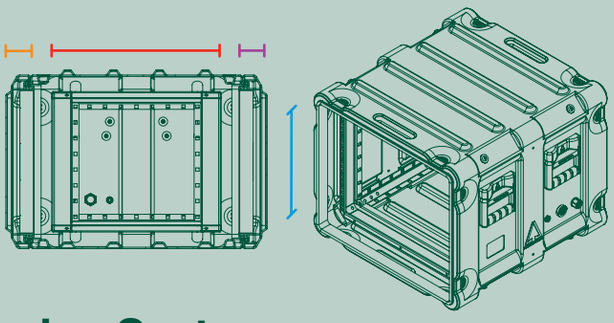


Sizes and Numbering





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

Part Number	External mm			U-Height	Chassis Depth mm	Max Equipment Depth mm	Volume m^3	Weight kg	Handles No.	Catches No.	Quickship 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
AR0474-0707	*328*	*1000*	*583*	*4*	*740*	*880**	*0.19*	*18.0*	*4*	*12*	*TBA*	*8145-99-213-6964*
AR0474-0712	*328*	*1055*	*583*	*4*	*740*	*880**	*0.20*	*19.4*	*4*	*12*	*TBA*	*8145-99-241-7533*
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
AR0674-0707	*417*	*1000*	*583*	*6*	*740*	*880**	*0.24*	*19.1*	*4*	*12*	*TBA*	*8145-99-419-3196*
AR0674-0712	*417*	*1055*	*583*	*6*	*740*	*880**	*0.26*	*20.5*	*4*	*12*	*TBA*	*8145-99-961-4523*
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	*TBA*	-
AR1448-0712	773	795	583	14	480	620*	0.36	26.2	4	24	*TBA*	-
AR1461-0707	773	870	583	14	610	750*	0.40	26.1	4	24	*TBA*	-
AR1461-0712	773	925	583	14	610	750*	0.42	27.5	4	24	*TBA*	-

* 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)

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



Amazon Rack Accessories

Anti Vibration Options

Part Code	Description
AAAVM458	Cylindrical elastomeric anti-vibration mount, 45 shore hardness, supply & fit an additional 8 mounts
AAAVM608	Cylindrical elastomeric anti-vibration mount, 60 shore hardness, supply & fit an additional 8 mounts
AAAVM45	Cylindrical elastomeric anti-vibration mount, 45 shore hardness, (set of 8 x 36mm) inc fixings, supply only
AAAVM60	Cylindrical elastomeric anti-vibration mount, 60 shore hardness, (set of 8 x 36mm) inc fixings, supply only
AAWRM	Wire-rope and elastomeric cupmounts available on request (set of 8)



AAAVM458 – AAAVM60



AAWRM

Cables & Accessory Stowage Pouches

Part Code	Description
AASP0407/BK	Amazon cable stowage lid pouch, zipped, 4U rack x 70mm, black
AASP0412/BK	Amazon cable stowage lid pouch, zipped, 4U rack x 125mm, black
AASP0607/BK	Amazon cable stowage lid pouch, zipped, 6U rack x 125mm, black
AASP0612/BK	Amazon cable stowage lid pouch, zipped, 6U rack x 70mm lid, black
AASP0807/BK	Amazon cable stowage lid pouch, zipped, 8U rack x 125mm lid, black
AASP0812/BK	Amazon cable stowage lid pouch, zipped, 8U rack x 70mm lid, black
AASP1007/BK	Amazon cable stowage lid pouch, zipped, 10U rack x 125mm, black
AASP1012/BK	Amazon cable stowage lid pouch, zipped, 10U rack x 70mm, black
AASP1207/BK	Amazon cable stowage lid pouch, zipped, 12U rack x 125mm, black
AASP1212/BK	Amazon cable stowage lid pouch, zipped, 12U rack x 70mm lid, black
AASP1407/BK	Amazon cable stowage lid pouch, zipped, 14U rack x 125mm, black
AASP1412/BK	Amazon cable stowage lid pouch, zipped, 14U rack x 125mm, black



AASP0407/BK – AASP1412/BK

Edges, Wheels, Wheelboards & Interstackers

Part Code	Description
AAINT610/BK	Amazon interstacker (for use with Amazon cases), black
AAINT610W/BK	Amazon rack wheelboard (inc 2x swivel castors + 2x brake swivel castors), black
AAW002	Amazon wheel kit for cases (pair, including two additional handles and fixings)
AAWC/BK	Amazon wheel recess cover, black (pair)
AAPLS/BK	Amazon linking straps, rack, plastic, black



AAINT610/BK



AAINT610W/BK



AAW002



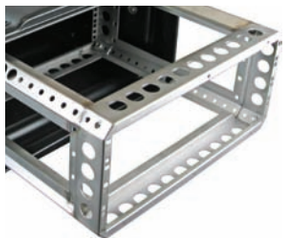
AAWC/BK



AAWC/BK

EasyGlide™ (removable chassis system)

Part Code	Description
AAEGS0448	Amazon EasyGlide system for 4U chassis height x 480mm deep
AAEGS0461	Amazon EasyGlide system for 4U chassis height x 610mm deep
AAEGS0648	Amazon EasyGlide system for 6U chassis height x 480mm deep
AAEGS0661	Amazon EasyGlide system for 6U chassis height x 610mm deep
AAEGS0848	Amazon EasyGlide system for 8U chassis height x 480mm deep
AAEGS0861	Amazon EasyGlide system for 8U chassis height x 610mm deep
AAEGS0887	Amazon EasyGlide system for 8U chassis height x 870mm deep
AAEGS1048	Amazon EasyGlide system for 10U chassis height x 480mm deep
AAEGS1061	Amazon EasyGlide system for 10U chassis height x 610mm deep
AAEGS1248	Amazon EasyGlide system for 12U chassis height x 480mm deep
AAEGS1261	Amazon EasyGlide system for 12U chassis height x 610mm deep
AAEGS1448	Amazon EasyGlide system for 14U chassis height x 480mm deep



AAEGS0448 – AAEGS1448

Grounding

Part Code	Description
AAET	Earth terminal for chassis



AAET

Protective Skirts

Part Code	Description
AAPS04	Protective skirt for 4U rack
AAPS06	Protective skirt for 6U rack
AAPS08	Protective skirt for 8U rack
AAPS10	Protective skirt for 10U rack
AAPS12	Protective skirt for 12U rack
AAPS14	Protective skirt for 12U rack



AAPS04 – AAPS14

Handles, Tie Downs & Latches

Part Code	Description
AAL/BK	Standard Amazon cam operated butterfly latch, stainless steel, black
AALPL/BK	Standard Amazon cam operated butterfly latch, stainless steel, hasp and padlock eye, black
AABTPL/BK	Toggle latch, hasp and padlock eye (suitable for cases only), black
AAHPL/BK	Standard Amazon injection moulded handle, with comfort grip
AAHSB/BK	Amazon stainless steel handle, with rubber grip, alternative to AAHPL (same hole size and centers), black
AATD001/BK	Amazon stainless steel, lift/tie down anchor, black


AAL/BK


AALPL/BK


AABTPL/BK


AAHPL/BK


AAHSB/BK


AATD001/BK

Insect Hoods

Part Code	Description
AAMN04	Insect hood for 4U rack
AAMN06	Insect hood for 6U rack
AAMN08	Insect hood for 8U rack
AAMN10	Insect hood for 10U rack
AAMN12	Insect hood for 12U rack
AAMN14	Insect hood for 14U rack


AAMN04 – AAMN14

Stacking & Linking

Part Code	Description
AASR04	Stiffening rings (set) for 4U rack
AASR06	Stiffening rings (set) for 6U rack
AASR08	Stiffening rings (set) for 8U rack
AASR10	Stiffening rings (set) for 10U rack
AASR12	Stiffening rings (set) for 12U rack
AASR14	Stiffening rings (set) for 14U rack
AAPLS/BK	Amazon linking straps, rack, plastic, black
AALH/BK	Amazon lid hanger (for stowing lids whilst rack is in-use), black


AASR04 – AASR14


AAPLS/BK


AALH/BK

Labels & Label Holders

Available on request

Support Rails, Shelves & Fixings

Part Code	Description
AASR48	Stainless steel support rails for 480mm deep chassis (pair - inc fixings)
AASR61	Stainless steel support rails for 610mm deep chassis (pair - inc fixings)
AASR74	Stainless steel support rails for 740mm deep chassis (pair - inc fixings)
AASR87	Stainless steel support rails for 870mm deep chassis (pair - inc fixings)
AASSFW48	Support shelf, full width, stainless steel for 480mm frame, self colour (pair, inc fixings)
AASSFW61	Support shelf, full width, stainless steel for 610mm frame, self-colour (pair, inc fixings)
AASSFW74	Support shelf, full width, stainless steel for 740mm frame, self colour (pair, inc fixings)
AASSFW87	Support shelf, full width, stainless steel for 870mm frame, self-colour (pair, inc fixings)
AA423	M6 stainless steel cage nut and panel screw (pack of 12)



AASR48 – AASR87



AASSFW48 – AASSFW87



AA423

Vaccum Pressure & Humidity

Part Code	Description
AAPRV	Automatic pressure /vacuum relief valve (APV)
AAHI	Humidity indicator
AAGTV	Vent valve, GORE-TEX® membrane
AADH	Drain hole, rack, positioned to be watertight with lid on



AAPRV



AAHI



AAGTV



AADH

Air Management & Climate Control

Part Code	Description
AAFK01	Amazon Rack fan kit – 12V axial fan (120x120x25mm), filter, filter holder & louvre panel
	Air Conditioning available on request



AAFK01



Applications in

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

Other CP Products and Services

SatRack™



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

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.

Aluminium Cases



A triumph of strength and style, CP Cases aluminium cases protects 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, our 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.

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. Our 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. Our design team draws on years of experience with protective textiles to create the most cost-effective bag for your needs.

Custom Solutions



CP Cases' design team can create a solution for any application that you or your products require. Our 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.

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. We calculate which density and composition of foam to use and the exact thickness required to produce the desired deceleration on impact, ensuring the best protection possible.

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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-810F, rated IP65 and carry NATO stock numbers. With over 40 years' expertise in producing cases, 19-inch rack solutions and rugged textile products, CP Cases has an unparalleled range of in-house skills and expertise 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.

TRUSTED WHEN IT MATTERS

ADS SC21 21st century supply chains

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