

EQUIPMENT PROTECTION SPECIALISTS Commercial | Industrial & Defence Shipping Case Solutions (since 1998)



ALUMINUM CASES | ROTO-MOLDED | ATA | PLASTIC CASES | SHOCK ISOLATED RACK MOUNTS

protective equipment case spec

DESIGN BUILD SOLUTIONS

The demanding requirements for made to measure cases for applications that do not fit standard sized products continue to grow. Whether shipping products in a **commercial or military atmosphere** we can build the best case for your particular specifications. Our design team can create right case solution while bearing in mind the cost effectiveness of the application. In addition to our Aluminum case lines we offer cost-effective Alpine Grade Ply-Laminate Road case solutions.

Design Build Features

- fabricated manufacturing with high quality standards and tight tolerances
- high tensile strength materials diamond embossed or flat aluminum, stainless
- TIG Welded seams, corrosion resistant hardware and shock protective platforms
- past performance applications include: NATIONAL DEFENCE / DISASTER RECOVERY / TACTICAL OPS EQUIPMENT / HOMELAND SECURITY / SATELLITE COMMUNICATION / AEROSPACE / ENVIRONMENTAL PROTECTION.





CUSTOM CASE FEATURES

- Solid High Tensile Strength Aluminum
- Customized to fit your application
- Mil-Std. 810F Features & Benefits
- High Strength vs. Low Weight Ratio
- Specialized Diamond Patterned Finish
- Magnesium Based Alloys
- Solid TIG Welded Construction
- Weatherproof & Impact Resistant
- Customized Protective Foam Inserts

- G-Force (multiple impacts) Rated
- Anti-Static (ESD) Protection
- Heavy Duty Male & Female Extrusions with Gasket
- 19" EIA Shock Isolated Electronic Rack Mounts
- Mil-Std. Powder Coat "Desert Tan/Olive Drab" (other colors available including "Anodized" finishes).

Your Application is our Product.



Custom Protective Foaming Services/Anti-Static ESD Protection

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RIGID READY ALUMINUM

The signature series product provides a custom solution when strength and weight are considerations. The core material is infused with Magnesium, a strengthening ingredient that stands the rigors of rough handling while maintaining appearance and longevity. All Rigid Ready



cases come complete with a streamlined heavy duty male and female extrusion complete with neoprene gasket. All seams are TIG Welded to ensure structural integrity is maximized.

RACK MOUNT CASES

Our 19" EIA Rack Mount transit cases are made with your specifications in mind. Whether your application is for a durable and weather resistance case for SATCOM / AV / TELECOMMUNICATIONS or other applications, our rack cases are the right choice to ensure your equipment remains protected and ready to go whenever and wherever you want. The internal frame is manufactured in accordance to your weight and protection levels and comes in materials suited for lightweight, medium or heavy duty requirements. We provide protection for both shear and compression isolations and our cases can be fitted with inter-stackability features, casters and more.

RACK HEIGHTS	FRAME DEPTH (IN)	SHOCK MOUNTS
4U / 6U / 8U / 10U / 21U / 26U	15 / 18 / 24 / 32 / 36	Steel Coil or Rubber
Custom sizes available		

MASTER TECHNICIAN ALUMINUM TOOL CASES

The A109 and A209 aluminum tool cases are in a class of their own. They offer strength and styling. Both feature combination locks and two keyed draw bolt latches. Each has horizontal ribbing for added strength.

These aluminum tool cases have padded carrying handles, a full piano hinge and rubber feet and top and bottom pallet hardware. See our selection of Tool Case Pallets and choose from regular (12.00") sizes.

The handle and latch replacement kit is part number is 09-5197 (chrome).

STYLE	PART #	DIMENSIONS (IN)	LID (IN)	BASE (IN)	COLOUR
A109	81-6853	18.00 x 13.00 x 6.00	2.50	3.50	Silver
A209	81-6854	18.00 x 13.00 x 8.00	2.50	5.50	Silver

Key Features

- high strength vs. low weight ratio
- cost-effective made to measure custom sizes
- repetitive shipment resistance
- poly shot waterproof hardware
- G-Force (multiple impact) rated
- solid welded and fabricated construction
- powder coat colour(s): olive drab / desert tan / grey
- anodized treatments: brushed satin / bright clear / black
- protective foam inserts and custom layouts





molded case solutions

TOOL CONTROL CASE

The 8333 is designed for tool control. It opens like an inverted "T" and has four clear Lexan compartments with 1000 square inches of layout for tools. Each of the four panels is 1.50" deep and comes with polyester foam planks that you can silhouette to hold your tools. This design allows you to immediately inventory and control your tools.

The 8333 tool control case has a spring-loaded carrying handle with rubber grip and four quarter-turn butterfly latches and a padlock that can be secured with one of our optional TSA locks, part number 61-6147.

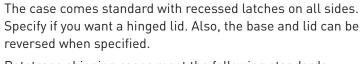


As with all of the 8300 tool cases, the 8333 is a rugged, durable tool case designed to safely hold any tools for field repair work. It is constructed from ultra tough high molecular polyethylene plastic with vertical ribbing for added strength and features a rugged aluminum frame, long-life positive action lid stays, molded-in feet and full piano hinges.

STYLE	PART NO	DIMENSIONS (IN)	COLOUR
8333	05-6461	17.75 x 14.50 x 9.00	Grey

ROTOTRANS MOLDED CASES

The standard Rototrans colour is Royal Blue. However, other colours are available with a minimum order requirement. Order foam lined or foam filled by adding an FL or FF after the style number.



Rototrans shipping cases meet the following standards: ATA 300; Mil C4150J; MIL STD 108. Parts meet MIL T-28800 and MIL D-42048.

If you require a relief valve on your cases, add the appropriate suffix.

- MRV equals manual pressure relief valve
- ARV equals automatic pressure relief valve.

STYLE	INTERNAL DIMENSIONS (IN)	LID (IN)	BASE (IN)	WEIGHT (LBS)*
RT14100309	14.00 x 10.00 x 12.00	3.00	9.00	9.00 / 10.00
RT16160410	16.00 x 16.00 x 14.00	4.00	10.00	14.00 / 16.00
RT20150315	20.00 x 15.00 x 18.00	3.00	15.00	23.00 / 25.00
RT20151515	20.00 x 15.00 x 15.00	15.00	15.00	24.00 / 28.00
RT22160512	22.00 x 16.00 x 17.00	5.00	12.00	25.00 / 27.00
RT26170411	26.00 x 17.00 x 15.00	4.00	11.00	28.00 / 31.00
RT26240518	26.00 x 24.00 x 23.00	5.00	18.00	44.00 / 46.00
RT36200517	36.00 x 20.00 x 22.00	5.00	17.00	42.00 / 48.00
RT36201717	36.00 x 20.00 x 34.00	17.00	17.00	51.00 / 58.00

Minimum order quantities may apply to certain part numbers. Reverse set ups available.

*First weight is foam-lined; second weight is foam-filled.

Additional sizes and rack mounts available – ask for details Soft sided bags & cases available – ask for details



roto-molded case solutions

AMAZON SINGLE LID CASES DETAILS

The rotomolding process used in the manufacture of Amazon ruggedized cases is ideal for making tough, waterproof products. CP Cases uses a high quality HDPE polymer that thickens at the edges and corners for extra strength and impact resistance.

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2 handles.5 catches. NSN: 8145-99-388-6300. AC3018-2103 30.0 x 18.0 x 24.0 27.0 x 15.0 x 23.0 31.0 8.0 2 handles.5 catches. NSN: 8145-99-729-6181. AC3024-0903 30.0 x 24.0 x 12.0 27.0 x 21.0 x 11.0 27.0 5.0 4 handles. 7 catches. NSN: 8145-99-751-608. AC3024-1303 30.0 x 24.0 x 16.0 27.0 x 21.0 x 15.0 30.0 7.0				29.0	5.0
2 handles.5 catches. NSN: 8145-99-729-6181. AC3024-0903 30.0 x 24.0 x 12.0 27.0 x 21.0 x 11.0 27.0 5.0 4 handles. 7 catches. NSN: 8145-99-751-608. 30.0 x 24.0 x 16.0 27.0 x 21.0 x 15.0 30.0 7.0				34.0	6.0
4 handles. 7 catches. NSN: 8145-99-751-608. AC3024-1303 30.0 x 24.0 x 16.0 27.0 x 21.0 x 15.0 30.0 7.0				31.0	8.0
				27.0	5.0
				30.0	7.0



ITEM CODE	OUTER DIMENSIONS (IN)	INNER DIMENSIONS (IN)		SHIPPING Vol. (CU FT)
AC3024-1703 4 handles. 7 catches	30.0 x 24.0 x 20.0 NSN: 8145-99-891		31.0	8.0
AC3024-2103 4 handles. 7 catches	30.0 x 24.0 x 24.0 NSN: 8145-99-754		35.0	10.0
AC3219-1003 3 handles. 5 catches	32.0 x 19.0 x 13.0	29.0 x 16.0 x 11.0	23.0	5.0
AC3421-2504 4 handles. 10 catche	34.0 x 21.0 x 29.0 s.	31.0 x 18.0 x 28.0	42.0	12.0
AC3618-0804 2 handles. 6 catches		33.0 x 15.0 x 11.0 -2342	26.0	5.0
AC3618-1204 2 handles. 6 catches	36.0 x 18.0 x 16.0 NSN: 8145-99-562		30.0	6.0
AC3618-1604 2 handles. 6 catches	36.0 x 18.0 x 20.0 . NSN: 8145-99-362		32.0	8.0
AC3618-2004 2 handles. 6 catches	36.0 x 18.0 x 24.0 NSN: 8145-99-307		34.0	9.0
AC3624-1204 4 handles. 8 catches	36.0 x 24.0 x 16.0 NSN: 8145-99-147		39.0	8.0
AC3624-1604 4 handles. 8 catches	36.0 x 24.0 x 20.0 NSN: 8145-99-666		36.0	10.0
AC3624-1606 4 handles. 8 catches	36.0 x 24.0 x 22.0	33.0 x 21.0 x 19.0	43.0	11.0
AC3624-2004 4 handles. 8 catches	36.0 x 24.0 x 24.0 . NSN: 8145-99-376		48.0	12.0
AC3624-2804 4 handles. 8 catches	36.0 x 24.0 x 32.0 . : NSN: 8145-99-13		46.0	15.0
AC3737-1418AC/FL 8 handles.16 catches		34.0 x 34.0 x 30.0	75.0	28.0
AC4234-2405AC 8 handles. 14 catche	42.0 x 34.0 x 29.0 s.	39.0 x 31.0 x 28.0	67.0	24.0
AC4824-1604 4 handles. 9 catches	48.0 x 24.0 x 20.0 NSN: 8145-99-342		42.0	13.0
AC4824-2004 4 handles. 9 catches	48.0 x 24.0 x 24.0 NSN: 8145-99-228		47.0	16.0
AC5318-1104 4 handles. 7 catches	53.0 x 18.0 x 15.0	49.0 x 15.0 x 11.0	35.0	9.0
AC5329-1609AC/FL 8 handles. 16 catche		50.0 x 26.0 x 24.0	70.0	22.0
AC5919-0765AC 4 handles. 16 catche	59.0 x 19.0 x 15.0 s.	56.0 x 16.0 x 13.0	55.0	10.0
AC8122-0906AC 8 handles. 18 catche	81.0 x 22.0 x 15.0 s.	78.0 x 19.0 x 14.0	70.0	16.0

protective equipment case spec

AMAZON RACK DETAILS

Amazon ruggedised racks combine the tough resilience of a rotomoulded case with a stainless steel rack frame (an optional aluminium frame is available) which is suspended by 8 (or 16 as an option) anti vibration mounts.

Anti vibration racks are available from 4U to 12U and in two standard frame depths of 480mm and 610mm. (Further sizes to follow).

Amazon 19 inch racks are designed to function in extreme conditions and survive rough handling in military or civilian applications.

Amazon 19" ruggedised racks comply with MIL-STD 810F and are rated IP65.



		RACK FRAME DEPTH (IN)	
AR04192727	4u fitted: no. 4	18.9 handles and 12 cate	38.6
	fitted: yes. 4	18.9 I handles and 12 ca	
	fitted: no. 4	24.0 handles and 12 cate	
	fitted: yes. 4	24.0 I handles and 12 ca	
	fitted: no. 4	18.9 handles and 12 cate	
AR06192749 Wheels can be NSN- 8145-99	fitted: yes. 4	18.9 I handles and 12 ca	
	fitted: no. 4	24.0 handles and 12 cate	
AR06242749 Wheels can be		24.0 handles and 12 ca	



ITEM CODE	RACK HEIGHT	RACK FRAME DEPTH (IN)	WEIGHT (LBS)
ARU0192121	ou	10.9	47.Z
Wheels can be NSN- 8145-99		handles and 16 cat	ches.
AR08192749	8u	18.9	48.7
Wheels can be NSN- 8145-99		4 handles and 16 ca	tches.
AR08242727	8u	24.0	51.8
Wheels can be NSN- 8145-99		handles and 16 cat	ches.
AR08242749	8u	24.0	53.1
Wheels can be NSN-8145-99	fitted: yes. 4	4 handles and 16 ca	
AR10192727		18.9	
Wheels can be NSN- 8145-99		handles and 20 cat	ches.
AR10192749	10u	18.9	52.0
Wheels can be NSN- 8145-99		4 handles and 20 ca	tches.
AR10242727	10u	24.0	55.1
Wheels can be NSN- 8145-99	-701-9229	handles and 20 cat	ches.
AR10242749	10u	24.0	56.7
Wheels can be NSN- 8145-99	fitted: yes. 4	4 handles and 20 ca	
AR12192727	12u	18.9	53.8
Wheels can be NSN- 8145-99		handles and 20 cat	ches.
AR12192749	12u	18.9	55.3
Wheels can be NSN- 8145-99		4 handles and 20 ca	tches.
AR12242727	12u	24.0	
Wheels can be NSN- 8145-99	fitted: no. 4	handles and 20 cat	ches.

1 unite = 1/34 inches (44.45mm)

AIR TRANSPORT

Specially designed to achieve maximum capacity loading on the Hercules 463L pallet, Amazon containers are now available in two new sizes, giving 20 cu ft or 9 cu ft of usable capacity They are both interstackable and are designed to accommodate webbing straps for maximum load security.

Designed and manufactured in tough rotomolded polyethylene polymer, Amazon Air Transport containers provide optimum load capacity on the 463L pallet, with maximum protection from impact, extremes of temperature, decompression and resistance to moisture and solvents.

Key Features

- Hercules 463L pallet fully utilize the 104"x84"x90" footprint of the 463L pallet
- 20 cu ft capacity for model AC 4234-2405 and 9 cu ft capacity for model AC 3421-2504
- Molded from tough polyethylene to withstand years of rough treatment
- Fitted with pressure relief valves which automatically equalises any over or under pressure differentials.



ITEM CODE	OUTER DIMENSIONS (IN)	INNER DIMENSIONS (IN)	WEIGHT (LBS)	SHIPPING Vol. (CU FT)
TCI-3421-2504	34.0 x 21.0 x 29.0	30.8 x 17.8 x 28.0	42.0	12.0
TCI-4234-2405	42.0 x 34.0 x 29.5	38.8 x 30.8 x 28.0	67.0	24.4

TCl cases will all stack with each other in any direction.

design build solutions

PAST ACCOMPLISHMENTS – DEFENCE CANADIAN FORCES

In addition to the storage of small arms, many Amazon (formerly Titan) containers have been designed to meet the storage and deployment needs for more specialist items of military equipment.

Titan rotomolded containers have established an enviable reputation in the protection of specialist military equipment. Applications range from food containers, widely deployed in Afghanistan, to custom designed cases for medical and guick response shelter systems, Amazon containers provide a tough reliable solution for storage and deployment in hostile conditions.

A Large General Purpose Medical Equipment Shipping and

NSN 6545-CF-001-7325 A Clinitek 500 Urine Analyzer Assembly Shipping and

Storage Container

Storage Container

Storage Container

Storage Container

Storage Container NSN 6545-CF-001-8129 A Ultrasonic Cleaner Assembly Shipping and Storage

Container

Container

Container

Container

Container

Container

Storage Container NSN 6545-CF-001-8195 A Maxistim Nerve Stimulator Assembly Shipping and

Storage Container

Container

NSN 6545-CF-001-7436 An ID-MTS MICRO Assembly Shipping and Storage

NSN 6545-CF-001-7437 An I-Stat Assembly Shipping and Storage Container

NSN 6545-CF-001-7438 A COAG Analyzer BIOTRAC 512 Assembly Shipping and

NSN 6545-CF-001-7632 A Small General Purpose Medical Equipment Shipping and

NSN 6545-CF-001-8022 A BAIR HUGGER Assembly Shipping and Storage Container NSN 6545-CF-001-8050 A Heat Sealer and Incubator Assembly Shipping and

NSN 6545-CF-001-8130 A Kendal SCD Assembly Shipping and Storage Container NSN 6545-CF-001-8189 A Centrifuge 6-Head Assembly Shipping and Storage

NSN 6545-CF-001-8190 An X-Ray Illuminator (Double) Assembly Shipping and Storage Container NSN 6545-CF-001-8191 A Digital Camera Assembly Shipping and Storage

NSN 6545-CF-001-8192 A Clinical Rotator Assembly Shipping and Storage

NSN 6545-CF-001-8193 A Centrifuge 12-Head Assembly Shipping and Storage

NSN 6545-CF-001-8196 A Sonostand Assembly Shipping and Storage Container

NSN 6545-CF-001-8197 A VTI Oxygen Analyzer Assembly Shipping and Storage

An X-Ray Illuminator (Single Unit) Assembly Shipping and



FOOD CONTAINER

NSN 7330-21-913-1135 Field Food Container

TEMPORARY SHELTER CONTAINERS

NSN 8145-20-000-5566	Customized container for spikes and nuts	
NSN 8145-20-000-5567	Customized container for tees and crosses	
NSN 8145-20-000-5583	Customized container for SPC's and ARC's	
NSN 8145-20-000-5585	Customized container for AST's and SPC's	
NSN 8145-20-000-5586	Customized container for AST's	
NSN 8145-20-000-5629	Customized container for BO3's and BO4's	
NSN 8145-20-000-5678	Customized container for MEX 26 Canvas	
NSN 8145-20-000-5688	Customized container for MEX 26 Canvas	
HELICOPTER MISSION KIT CONTAINERS		
NSN 8145-00-00-3026	CH-146 Night Vision Goggle (NVG) Assembly (4Pack	

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NSN 8145-00-00-3026	CH-146 Night Vision Goggle (NVG) Assembly (4Pack) Shipping and Storage Container
NSN 8145-00-00-3292	CH-146 Night Vision Goggle (NVG) Assembly (8Pack) Shipping and Storage Container
NSN 8145-21-000-3049	CH-146 Night Sun Assembly Shipping and Storage Container
NSN 8145-21-000-3051	CH-146 Hoist Assembly Shipping and Storage Container
NSN 8145-21-000-5626	CH-146 Electrical Grounding Equipment Shipping and Storage Container
NSN 8145-21-913-4017	CH-146 Helicopter Left Hand Door Gun Kit Container
NSN 8145-21-913-4018	CH-146 Helicopter Right Hand Door Gun Kit Container
NSN 8145-21-920-6023	CH-146 ATK Crash-Rescue Kit Shipping and Storage Container
GENERAL PURPOSE EQUI	PMENT CONTAINERS
NSN 4033-21-920-9271	A Howizter Tool Kit Shipping and Storage Container

NSN 5855-21-920-1604 Light Armoured Vehicle (LAV) Drivers Vision Aid (DVA) Assembly Shipping and Storage Container NSN 8145-21-913-8390 CF-18 Radar System Power Supply Assembly Case

NSN 4920-21-920-9756 ALE47 Test Set Shipping and Storage Container

ARMAMENTS CONTAINERS

NSN 6545-CF-001-8194

ialists |

MEDICAL EQUIPMENT

NSN 6545-CF-001-7411

NSN 8145-21-920-1322 Ranger C-7 Rifle NSN 8145-21-920-1325 Ranger 853C Rifle NSN 8145-21-920-6013 9mm 12 Pack Case NSN 8145-21-920-6014 C7/C8 Six Pack Case NSN 8145-21-920-6017 Double wall container

designed to hold twelve Canadian Army C7/C8 rifles NSN 8145-21-920-6018 NSN 8145-21-920-6023 C-7 Four Pack Rifle Case NSN 8145-21-920-6026 Dual C-6 Machine Gun NSN 8145-21-920-6032 Dual C-9 Light Machine Gun NSN 8145-21-920-6033 Dual Carl Gustav NSN 8145-21-920-6033 Carl Gustav Weapon System NSN 8145-21-920-7130 50 cal Machine Gun

Generic Empty Container



ABOUT OUR COMPANY

Established in 1998, **National Case Co. Inc.** a Canadian-owned and operated company specializing in the manufacture of design build equipment cases and protective shipping container solutions. With representation in both **Canada** and the **USA**, our product

compliment includes a full range of roto-molded cases and shock isolated rack mounts enclosures in durable molded Polyethylene and lightweight aluminum. We service commercial, industrial and defence industries with high quality cost-effective solutions based on our customers requirements.

DISTRIBUTOR PRODUCTS

Our distributor products are available with in house custom designed protective foam inserts, tool pallets, dividers, panel mounts, special graphics, soft sided bags and more.



METAL FABRICATION & PROTECTIVE FOAMING SERVICES

Along with our equipment case products we offer a full range of metal fabrication and protective foaming services. With ISO 9001:2000 quality standards in mind these products include but not limited to: rack frames, shelving systems, mounting panels, enclosures, anti-static foam inserts, custom foam die cutouts, prototyping and more.

> National Case Co. Inc. 5050 Edwards Blvd., Mississauga, ON, Canada L5T 2W3 Tel 905-696-0016 | Fax 905-696-0017

> > Sales Inquiries: info@nationalcase.com www.nationalcase.com

> > > Dealer inquires welcome

