UNPARALLELED CUSTOM PROTECTION

ZERO



MODULAR SERIES

MODULARS by ZERO

TECHNICAL DATA

MINIMUM QUANTITY ONE, NO TOOLING/NRE CHARGES!

FLEXIBLE AS A FLIGHTCASE OR WOODEN PLY BATTEN CONTAINER YET LIGHTWEIGHT ALUMINUM, REUSABLE AND RECYCLABLE.

ZERO MODULARS MEET DEFENSE, MILITARY, AEROSPACE AND OFFSHORE REQUIREMENTS. MODULARS CAN BE MADE IN ALMOST ANY SHAPE OR SIZE.

ZERO MODULAR CONTAINERS are custom engineered to meet your needs. Modular Containers are made from light-weight Aluminum and make exceptional reusable shipping and storage containers. One of the major economies to be gained in specifying Aluminum Modular Containers is that they are “reusable”. Your first cost is your last cost when you choose these rugged shipping and storage containers. Not only does the unique construction hold weight down to a minimum, but the Modular Container also has a high strength-to-weight ratio for maximum protection at minimum transport cost. It can pay for itself in transportation savings alone.

MODULAR CONTAINER SPECIFICATIONS

- Light-weight Aluminum modular containers, your first cost is your last cost when you choose these rugged shipping and storage containers.
- Light weight reduces shipping cost. Not only does the unique construction hold weight down to a minimum, but the Modular Container also has a high strength-to-weight ratio for maximum protection at minimum transport cost. It can pay for itself in transportation savings alone.
- Custom engineered cases to meet your exacting needs. Virtually endless sizes available–large trunk to 55 feet long submarine periscope container, built to specifications, without incurring extra expense, offering maximum construction flexibility.
- Meets all logistical requirements–can be handled manually, by crane, hoist or fork lift truck and can be stacked and palletized.
- Easy, fast, economical accessorizing with options.
- No tools required to assemble/disassemble.
- Meets applicable provisions of MIL-C-4150, MIL-STD-108, Def Stan 81 41 Level J, ATA 300.
- Attractive design-because of their “image impact” they receive greater care from freight handlers than ordinary packaging.
- Highly versatile, allowing for entire systems to have a family resemblance in packaging and appearance.
- Available handling fixtures integral with the case for safe storage with easy access to fragile items.
- No need for internal storage space, each container serves as its own warehouse through its optimum environmental protection even in open storage.
- Maximum shock and isolation protection to solve any shock or vibration requirements, contact ZERO.
- Defense & Military versions available on request.







INTERNAL MOUNTING FEATURES

- Shock Isolation Plates
- Saddle Mounting
- Wide Selection of Foam Material
- Stabilization Fixtures/Supports

APPLICATIONS

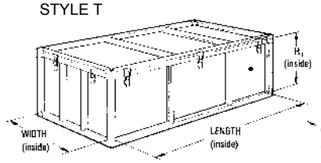
- Unmanned Aerial Vehicles (UAV)
- Missile Transport & Storage
- Aircraft Engines, Wheel & Brakes
- Deploying Robots
- Secured Inventory Systems
- Fragile Electronic Equipment
- Industrial Storage
- Vibration Sensitive Equipment

MODULAR CONTAINER BENEFITS

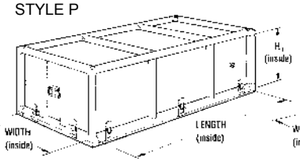
- Durability allows the container to be used for multiple shipments. Aluminum Modular Containers are “Reusable”.
- No tools are needed to assemble or open Modular Containers.
- Handle manually, by crane, hoist or fork lift truck for stacking.
- Maximum shock isolation and environmental protection.
- High strength-to-weight ratio for maximum protection at minimum transportation costs.
- Completely customizable—construct in any size and configuration.

BUILD YOUR MODULAR

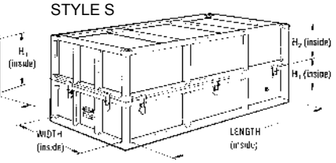
STYLE T



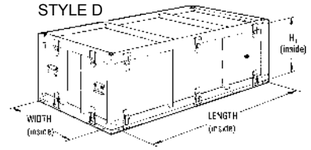
STYLE P



STYLE S



STYLE D



Ordering a Modular Container can be as easy as composing a part number. Simply choose the construction best suited to your needs, determine your size requirements, style, color and optional accessories. ZERO will design and manufacture containers to meet applicable requirements.

M - - - - - - - - - -

CONSTRUCTION
☐ M Sheet Aluminum

WIDTH Interior
Specify in 1/4" Increments
Example: 36" = 144

LENGTH Interior
Specify in 1/4" Increments

MATERIAL TYPE
☐ **A** 0.063" Sheet Aluminum
☐ **B** 0.090" Sheet Aluminum

CASE STYLE
☐ **T** Top Opening
☐ **P** Pallet and Shroud
☐ **S** Split
☐ **D** Double Ended

H¹ CASE HEIGHT Interior
Specify in 1/4" Increments
For Styles T, P, and D:
Indicate Overall Interior Height
For Style S: Indicate Bottom Shell Interior Height Only

H² CASE HEIGHT Interior
Specify in 1/4" Increments
For Style S Only, Otherwise, Insert X X X

FINISH (See Left)

ACCESSORIES
List All Required

STANDARD FINISH

MIL-SPEC FINISHES

☐ A–No Finish.
☐ B–Chemical Film Per MIL-DTL-5541, Type I, Class 1A. Epoxy Primer per MIL-PRF-23377, Type 1, Class C2.
☐ C–Same as B Plus Paint Light Gray Semi-Gloss Polyurethane Color #26307 of FED-STD-595.
☐ D–Same as B Plus Paint Light Gray Semi-Gloss Polyurethane Color #16307 of FED-STD-595.
☐ E–Wash Prime per DOD-P-15328 and Epoxy Primer per MIL-DTL-53022, Type II, Paint Polyurethane Yellow Gloss Color #13538 of FED-STD-595.
☐ F–Same as B Plus Paint Strata Blue Gloss Polyurethane Color #15045 of FED-STD-595.
☐ G–Same as B Plus Paint Green Semi-Gloss Polyurethane Color #24300 of FED-STD-595.
☐ H–Same as B Plus Paint Olive Drab Semi-Gloss Polyurethane Color #24084 of FED-STD-595

MIL-SPEC FINISHES cont.

☐ J–Same as B Plus Paint Olive Drab Lusterless Polyurethane Color #34088 of FED-STD-595.
☐ K–Same as B Plus Paint Aliphatic Polyurethane Camouflage Coating (CARC) per MIL-DTL-53039, Type II, Color #383 Green, #34094 of FED-STD-595.
☐ S–Special Order—Please Specify.
☐ W–Chemical Film Per MIL-DTL-5541, Type I, Class 1A. Epoxy Primer per MIL-DTL-53022, Type II, or Water-base Epoxy Primer per MIL-·DTL-53030, Type I. Paint with White Polyurethane Coating per MIL-PRF-85285, Type II, Class H, Color #17925 of FED-STD-595 or Epoxy Coating Per MIL-PRF-22750.
☐ UA–Chem Film per MIL-DTL-5541, Type1, Class 1A.

OTHER COLORS AND MIL-SPEC FINISHES AVAILABLE

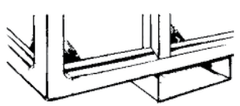
Any commercial or military specification can be met in our completely equipped and staffed paint facility. In addition to supplying any color per FED-STD-595, ZERO has coded swatches to match any color.

Other services include panel fabrication and complete silk screen and engraving facilities for labeling, designation printing, decals, stenciling and call outs.

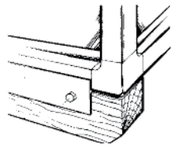
ACCESSORIES

☐ **R1** Humidity Indicator
☐ **R2** Hoisting Grapple (set of 4)
☐ **R3** Skid Rails
☐ **R4** Fork Lift Guides
☐ **R5** Document Holder
☐ **R6** Desiccant Holder

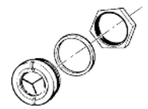
ACCESSORY OPTIONS



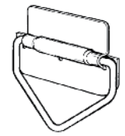
FORK LIFT GUIDES



STANDARD SKID RAILS



HUMIDITY INDICATOR



HOISTING GRAPPLE

STANDARD CONTAINER FEATURES INCLUDE

- Panel Stiffeners (as required)
- ZP20137 Handles (Type A & B)
- Continuous Neoprene Seal
- Designed to be Watertight at a Pressure Differential 0.4 psig
- ZSP 6-037-1 Automatic Pressure Relief Valve
- ZSP 2-2001 Latches on Material Type A (as required) to Maintain Waterproof Seal
- ZSP 2-216 Latches on Material Type B (as required) to Maintain Waterproof Seal
- Proper Placement and Location of Optional Accessories

MODULAR TOLERANCES

A Dimensions 0.XXX up to 17 ± 0.010"
B Dimensions 18 and Under ± 0.030"
C Dimensions Over 18 to 36 ± 0.060"
D Dimensions Over 36 to 60" ± 0.120"
E Dimensions Over 60 to 96 ± 0.190"
F Dimensions Over 96 ± 0.250"

Dimensions are in 1/4" increments. Tolerances are in inches.

NOTE: All dimensions are in inches unless otherwise specified. This data sheet represents the standard format for ZERO Modulars. We are happy to discuss any other requirements you may have which vary from the standard specification. ZERO reserves the right to modify product specifications, features and information. Technical information is known to be correct at the time of publication. In line with our continuing product development policy, we reserve the right to alter specifications without prior notice.

FROM PLASTIC TO DEEP DRAWN ALUMINUM TO PRE-ENGINEERED



DEEP DRAWN HOUSINGS & VALUE ADDED PROCESSES



19" RACKMOUNT CASES



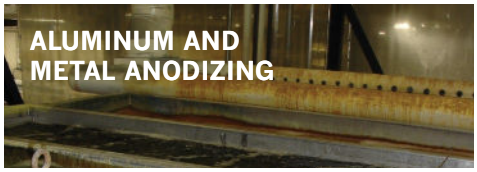
TRANSIT & STORAGE CONTAINERS



CARRY & INSTRUMENT CASES

ENCLOSURES

CUSTOM UNIQUE VERSATILE

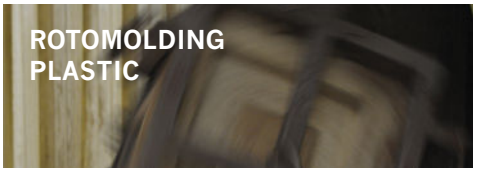






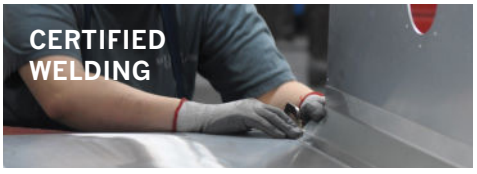












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Call 800-500-ZERO (9376)

or email sales@zerocases.com for engineering and design assistance to meet specific requirements and customization.

Certified
ISO 9001:2008/AS9100
Rev. C

ZERO MANUFACTURING, INC. | 500 West 200 North, North Salt Lake, Utah 84054 USA
Toll Free US 800-500-ZERO (9376) | Direct 801-298-5900 | Fax 801-292-9450 | Email sales@zerocases.com | Web www.zerocases.com