

Case Specifications

ATA-300 (Category I) Reusable Transit Case

Meets or exceeds all criteria for the ATA-300 (Category I) specification for reusable shipping containers.

ATA-300 (Category I) is a list of specifications for reusable containers put forth by the Air Transport Association. Category I containers are built to withstand at least 100 trips of normal airline cargo handling.

Construction details:

1. Construction Panels – ABS laminated #1 Grade Plywood LT Reinforced Tri-laminate – 100% recyclable polypropylene with non-directional cellular center, 7mm, talc-filled. Thermoformed center layer is laminated to outer layer hermetically sealing air loaded cells. When third layer is laminated to the opposite side the resulting three dimensional sheet is stronger and lighter weight than laminated plywood or extruded polyethylene sheets.
2. Angle – Extruded aluminum, 6063 alloy, heat-treated to T-6, 1.1875”, machine-riveted to case walls every three inches.
3. Valance – Exceptionally deep tongue-in-groove closure, extruded aluminum 6063 alloy, heat-treated to T-5, with oblong channel in groove to secure neoprene gasket. Both tongue and groove have full inner leg for superior strength.
4. Hinge – Stainless steel continuous piano hinge riveted through both inner and outer leg of double-walled valance every two inches.
5. Ball Corners – 14 gauge plated steel, stackable (top corners have depression to accept rounded bottom corner for secure nesting when stacked).
6. Latches – Recessed plated steel positive action butterfly twist style. Does not require valance to be broken. The latch spans the tongue-in-groove to eliminate dust and moisture and preserve the integrity of the case.
7. Handles – Recessed plated steel spring loaded ¾” diameter rubber grip sleeves. Deeper dish in handle located on lid (when applicable) prevents handle from interfering with stacking ability.
8. Rivets – Machine driven, plated steel, spaced a maximum of 3” apart.
9. Foam – 2.2 lb. industrial grade open-cell high-density virgin polyurethane ester or polyethylene.