


OUTPOWERS COMPETITION

Feature	Storm Case	Competition	Storm Case Advantage
Case Material	• HPX [®] High Performance Resin	• Polypropylene or ABS	• Better Impact Resistance • Lightweight, Guaranteed for Life
Latches	• Press & Pull Wide Design • Won't Pop Open	• Narrow "Knuckle Buster" Design • May Pop Open When Dropped	• Pain Free • Twice as Strong • More Secure Case Closure
Purge Valve	• Vortex [®] Valve • Won't Fall Out	• Manual Pressure Adjustment • Valve Screws Out (Could get lost)	• Automatically Adjusts • No Lost Valves
Carry Handle	• Durable Core With Soft Overlay	• Hard, One-piece Construction or Thinly Padded with Harder Rubber	• Stronger • More Comfortable to Carry
Extended Handle (Larger Cases)	• High Strength, Tubular Build	• Bulky, Heavy or Thin-rod Design	• Stronger and Lighter
Nameplate Area	• Adhesive Labels • Custom 3-D Option	• Adhesive labels	• Easy Customization • Permanent
Cubed Foam System	• Multi-layer Cubed Foam	• Single Layer Cubed Foam	• Highly Customizable • Construction • Create Easy Layers
Panel Mount System	• Extruded Aluminum Rails • Sealed Rivet Attachment • Variable Height	• Plastic Frame • Screwed to Interior	• Stronger • Permanent


EXTREME TESTING

Test	Specifications Met	Description
Drop Test	FED-STD-101C, Method 5007.1, Paragraph 6.3, Procedure A, Level A. Tests are superseded and concurrent with ASTM B 4169, DC-18, Assurance Level I, Schedule A.	A series of 26 drops, one on each corner, edge, and face, from 19" to 30", depending on the gross weight of the case, with loads of 15 lbs to 70 lbs (depending on case size).
Falling Dart Impact	ATA 300, Category I, "General Requirements for Category I and II Reusable Containers"	A dart weighing 13.22 lbs with a 1.25" hemispherical end was dropped on each case from 19.68".
Vibration (loose cargo)	FED-STD-101C, Method 5019 Tests are superseded and concurrent with ASTM B 4169, DC-18, Assurance Level I, Schedule F.	Each case was vibrated for 20 minutes per axis. 1-inch peak to peak at around 4.75 Hz.
Vibration (swEEP)	ATA 300 (Jan 15/96) states in Appendix II, B.4 This test also exceeds the specifications listed in MIL-STD-648C and may also fulfill ISO 8318 and ISO 2247.	Vibration Test for Category I Containers — Vibration tests shall be conducted on Category I containers in accordance with ASTM Designation D-999, Procedure B, within the range of 5 to 50 cycles per second for a period of not less than 2 hours.
Simulated Rainfall	MIL-STD-810F, Method 506.4, Procedure II of 4.1.2 FED-STD-101C Method 5009.1, Sec 6.7.1 Tests are superseded and concurrent with ASTM B 4169, DC-18, Assurance Level I, Schedule H.	Four inches of rain per hour for 20 minutes each side. This was followed by a 4-hour test at 4" per hour on the top. Both tests saw the case heated to 18°F higher than the water temp.
Immersion	MIL-STD-810F, Method 5124	A 1-meter (3.281 feet) immersion for 1 hour with the case being heated to 40°F higher than the water temperature.