

463L Next Generation All Aluminum Pallet

NSN 1670 01 670 063 7



Agile

Wolverine Industries is committed to meeting or exceeding our customers' requirements



Innovative

Wolverine applies its technological expertise as North America's most advanced innovative integrated aluminum solutions provider



Resilient

Mil Spec products with complex engineering and construction for mission-critical solutions

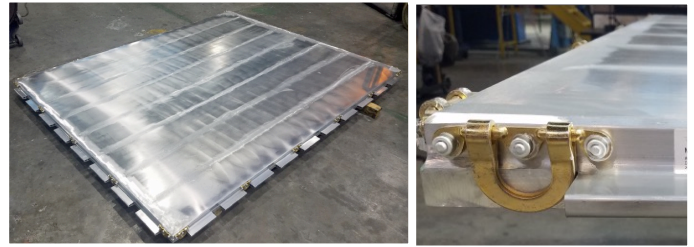
463L Next Generation All Aluminum Pallet

- All Aluminum 463L (HCU-6/E) Pallet is unitized 6005A-T61 aluminum monolithic construction
- Rigid platform with high damage tolerance without the legacy soft balsa wood core challenges
- Eliminates field repair – fully recyclable



All Aluminum Pallet Design Meets or Exceeds the New MIL-DTL-27443 Rev G 463L (HCU-6/E) Cargo Pallet Military Specifications

Specifications:

- **NSN:** 1670-01-670-0637
- **Dimensions:** 108" W x 88" L x 2.25" H
- **Tare Weight:** 300 lbs.
- **Capacity:** 10,000 lbs.
- **Tiedown:** 22 D-rings, rated for 7500 lbs. in any direction (tested to 11,250 lbs.)



Pallet Comparison Chart

Legacy 463L Pallet 	Nextgen All Aluminum 463L Pallet 
Balsa Wood Core: <ul style="list-style-type: none"> ▪ Top/bottom surfaces prone to puncture damage from sharp objects such as cargo or forklift tines. ▪ Prone to delamination. ▪ Susceptible to corrosion due to water intrusion following puncture or delamination. ▪ Increased/variable empty pallet weights due to waterlogged balsa wood core. ▪ Reduced rigidity and potential for pallet distortion /deflection. ▪ Stacking and storage limitations. 	All Aluminum Construction: <ul style="list-style-type: none"> ▪ Superior durability using friction stir welded construction. ▪ No risk of delamination, increased integrity and puncture resistant. ▪ Corrosion resistant. ▪ Consistent empty pallet weights. ▪ Significantly reduced pallet distortion /deflection. ▪ Increased damage resistance during combat offload and austere airfield operations. ▪ Resolves stacking, storage and monthly inspection limitations.
Tiedown Provisions: <ul style="list-style-type: none"> ▪ D-Ring capacity limited to 7,500 lbs. 	Tiedown Provisions: <ul style="list-style-type: none"> ▪ D-Ring capacity tested up to 11,250 lbs.
Versatility: <ul style="list-style-type: none"> ▪ Strength/durability concerns restrict legacy 463L pallet mission scope for specialty pallets (e.g., Seating Pallets, DV Modules, Medical Modules). 	Versatility: <ul style="list-style-type: none"> ▪ Improved strength, durability and tiedown capacity enables Next Generation All Aluminum pallets the ideal platform for special missions.
General: <ul style="list-style-type: none"> ▪ Increased inspection intervals. ▪ Frequent echelon movements required for field/depot maintenance actions.. ▪ Overall reduced/poor service life. 	General: <ul style="list-style-type: none"> ▪ Reduced inspection intervals. ▪ Field/Depot maintenance actions and are eliminated. ▪ Significantly improved readiness and service life.

Pallets are Compatible with all existing 463L Cargo System Equipped Aircraft Including the Following:

A-400M	C-40	KC-10
C-5	C-130	KC-135
C-17	C-2 (Kawasaki)	KC-46
C-27J	CN-235	C-390 / KC-390
CH-53	CH-47	KC-30

