



Honeycomb QuadBOX

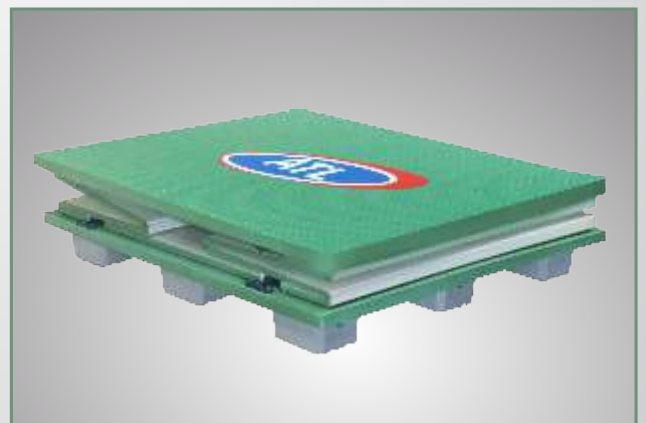
Palletized Box with Foldable Sleeves

Collapsible

Stackable & Rackable

Consistent Reusability

Customizable



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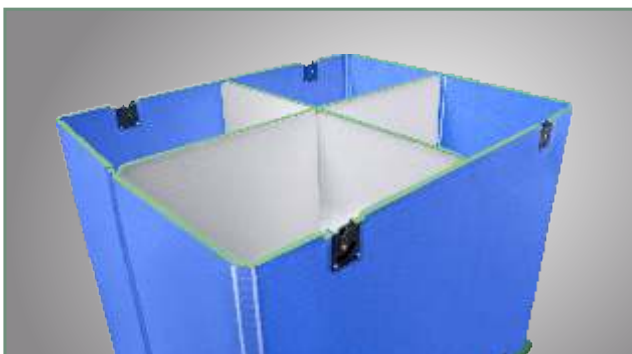
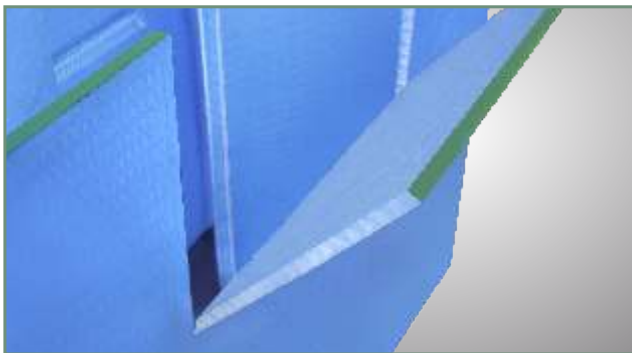
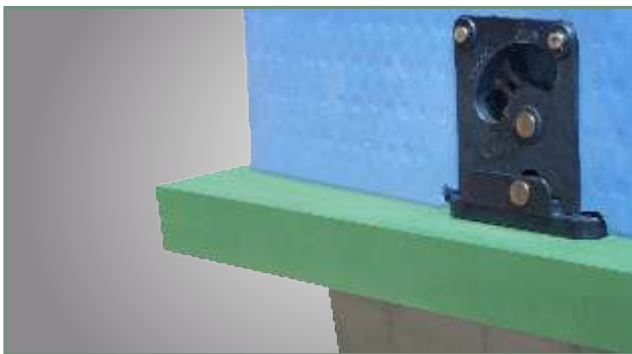
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The QuadBox, a foldable large container (FLC) is the perfect alternative to traditional wire mesh pallets and corrugated boxes. Our expertise in design engineering and concept-to-delivery have led us to offer the world's lightest solution of Foldable Pallet Box for bulk storage of goods of varying sizes.

The Components:

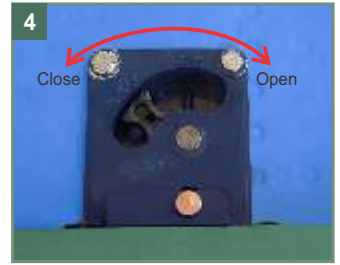
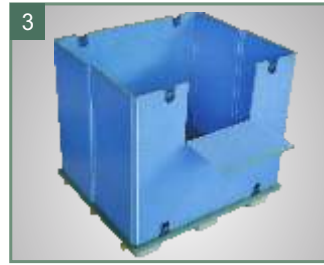
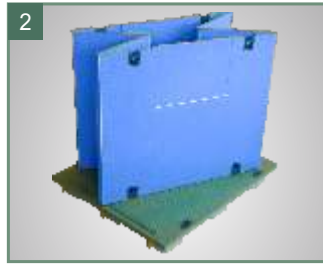
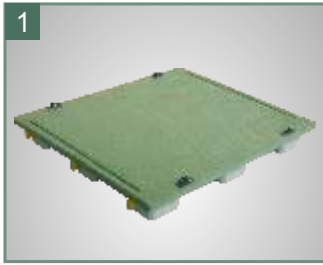
QB Structure – QuadBox is a 3-piece solution comprising of top lid, collapsible walls and pallet base, each made of ATL's lightweight honeycomb technology. The rackable honeycomb pallet allows the QuadBox to be racked during storage, allowing better space management. The anti-skid lid makes the QuadBox the optimal solution for safe stacking during warehouse storage & transportation.

QB Positioning Locks – A key component of the QuadBox is the unique and easy-to-use CamLock that has a one-push sliding system that allows quick & safe assembly & disassembly of the box. This innovative lock involves a snap-closing action that securely positions the walls to the base & lid, preventing inadvertent opening or displacement.

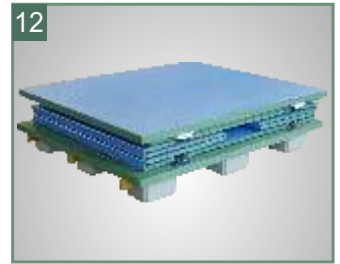
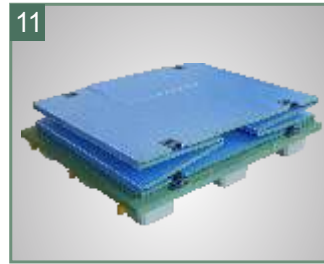
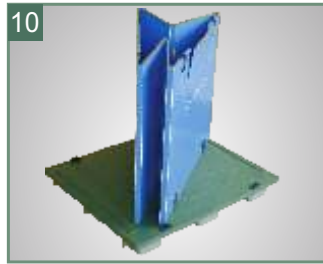
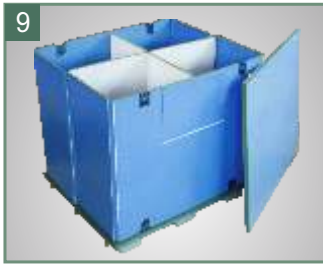
QB Window — This optional port allows the desired ease of access during loading and unloading of material. This no-gap closure with its special lock ensures that the interior remains dust-free during dry storage and transportation.

QB Partitions — The optional partitions serve as cushions for horizontal and vertical segregation of goods, ensuring that there is no contact between materials, or damage to the goods. Honeycomb Tier Separators & Partitions function has high-performing shock absorbers, especially during transportation. These interlocking panels can be portable, removable or permanently integrated, as desired.

Assembly



Disassembly



In the collapsed state, the QuadBox, made of ATL's superior composite technology, offers volume saving of up to 75%. This guarantees space optimization and cost savings during transportation and storage, adding value to supply chain operation that involve reverse logistics and reusable packaging.

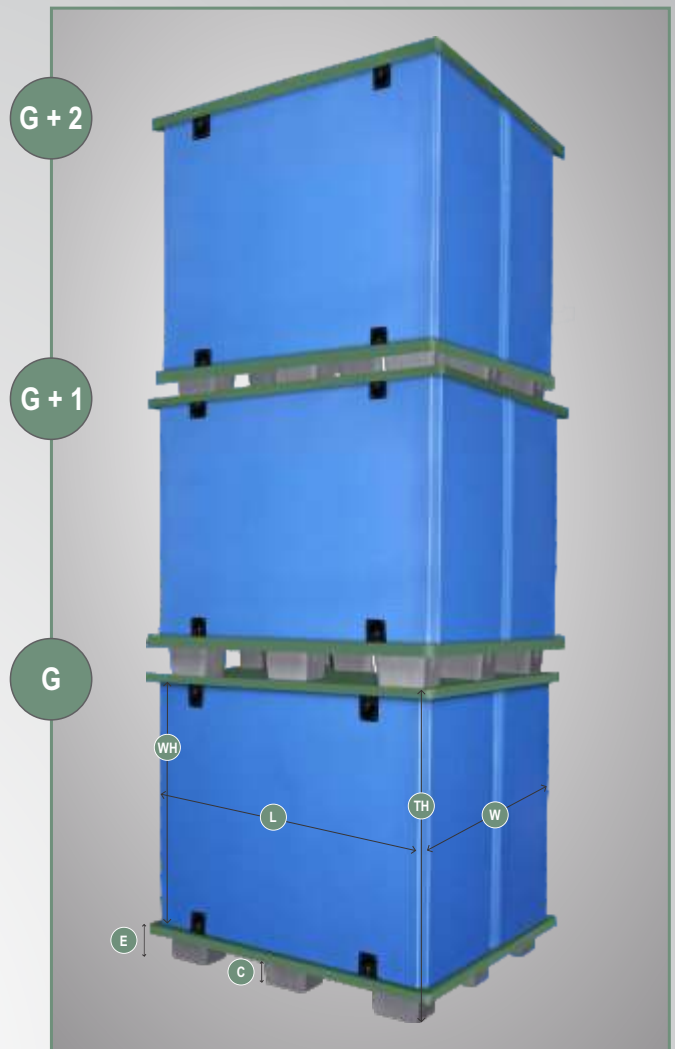
The Unparalleled Features:

- Outstanding cost-performance ratio with consistent & high reusability
- Foldable & collapsible walls
- Racking & stacking for increased warehouse space efficiency
- Excellent strength to weight ratio
- Rigid walls that do not bulge
- Structural robustness ensures material safety
- Honeycomb does not crack, swell, tear, break, deteriorate or abrade
- Water proof, weather proof, termite proof, chemical proof
- Fumigation free, zero maintenance export-friendly solution
- All-in-one combination of pallet and box
- Flat surface of base and lid
- Recyclable thermoplastic raw material
- Customizable dimensions as per material handling dynamics
- Customized branding & identification possible
- Suitable for heavy pay load that is uniformly distributed

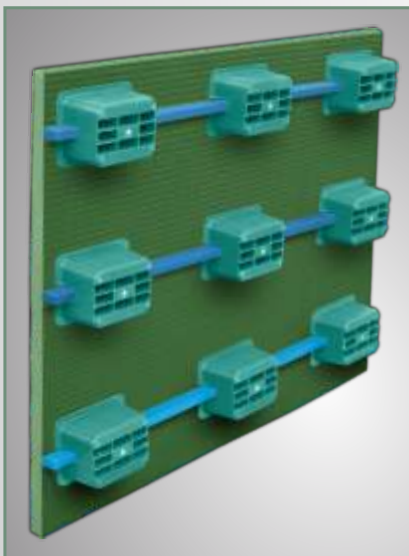


Standard Specifications of QuadBox:

Standard Model	: QB-STD-01-900-N-G1-RY-GR-BL
Dimensions (LxW)	: 1200 mm x 1000 mm
Total Box Height (TH)	: 825 mm or 1125 mm
Height of Walls (WH)	: 600 mm or 900 mm
Collapsed Box Height	: 285 mm
Height of Pallet (E)	: 185 mm
Ground Clearance (C)	: 115 mm / 155mm
QuadBox Weight	: Approx. 33 kgs. (~72 lbs.)
Dynamic Payload*	: 1000 kgs. (2200 lbs.)
Racking Payload*	: 1000 kgs. (2200 lbs.)
Static Payload*	: 3000 kgs. (6600 lbs.)
Volume	: 1000 litres
Stackability	: Up to G+2
Forklift	: 4 way entry
Material	: Polypropylene Honeycomb & Legs, Steel Bars & Locks (Nylon, ABS)



* Uniformly Distributed Load (UDL) only



A homogeneous panel of hexagonal core, composite honeycomb technology has been extensively used in manufacturing of aircrafts, marine vessels and pre-fabricated building panels. ATL offers this adoptable technology for a wide spectrum of material handling & warehousing solutions such as:

- Honeycomb Pallets & Boxes
- Honeycomb Tier Separators & Partitions
- Packaging of Sensitive Equipment
- Containers for Missiles & Ammunition

ATL can engineer & manufacture honeycomb to be a specific weight, absorb the desired load and possess the rigidity required by the end applications. To know more about our range of products, contact us at sales@anjani.com

