BLOCKPal™

Smart pallets, engineered for the world's most demanding supply chains.

IoT CONNECTED

Within each BLOCKPal is embedded autonomous IoT sensor technology, ELIoT™, which makes visible pallet and product location and condition without additional hardware or IT. *View BLOCKPal + ELIoT video.*

COST EFFECTIVE

Eliminate the cost of pallet accounting and minimize losses with automated tracking, and reduce transportation, handling, and packaging costs by up to $1.53/pallet.

STRONG & DURABLE

Edge rack capacity of 6,500 lbs. is > 2x that of other pallets; meets ISO 8611 requirements for integrity under heavy load; bottom boards fail first to protect product on top deck.

LOGISTICALLY OPTIMIZED

Up to 26% lighter and 0.67" lower profile than other block pallets, for less wear on equipment and 17% more pallets per backhaul truckload (630 vs. 540).

IDEAL FOR THE COLD CHAIN

-40° F to 176° F tolerance range exceeds that of other pallets by more than 20° F each; composite material won't become brittle or flexible in extreme temperatures.

FM4996 CERTIFIED

The naturally fire-resistant composite material requires no toxic or carcinogenic additives to meet fire safety regulations.
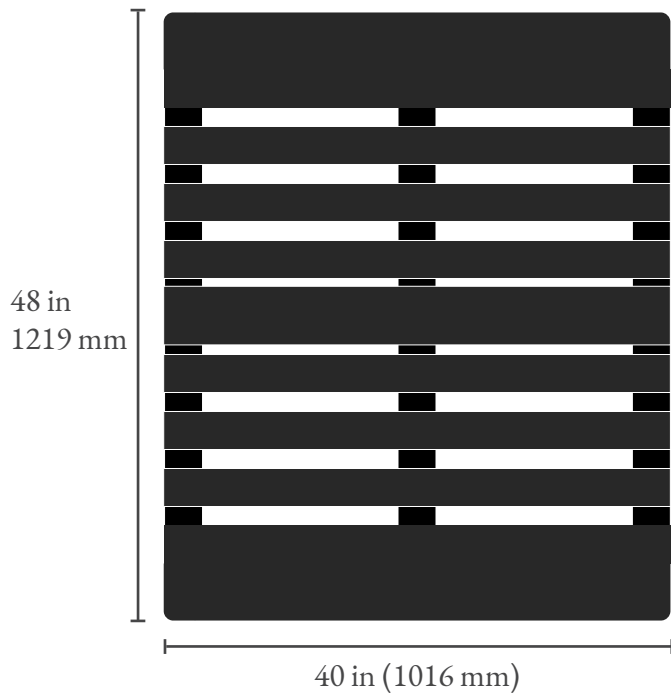
HYGIENIC

Nonporous, non-shedding material is naturally resistant to bacteria, chemicals, and pests and does not produce dust or debris, minimizing foreign material risk.

CONSISTENT SPEC & QUALITY

Max allowed dimensional deviation is 0.025″; rigid material maintains structural integrity with minimal deflection on top deck; and composite construction uses no nails.

ENVIRONMENTALLY FRIENDLY

150+ lifetime uses means just 20% as many pallets required to deliver the same number of trips, resulting in 21% lower global warming potential and 50% lower energy demand.
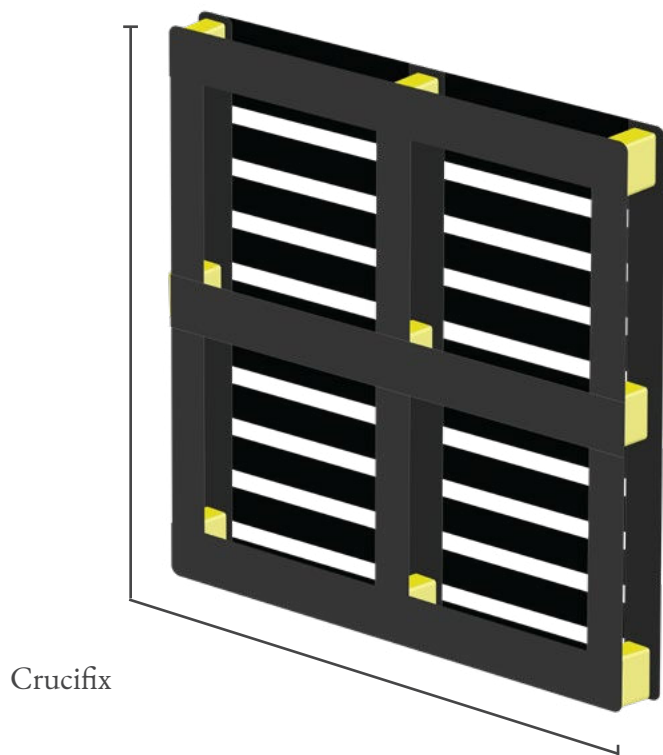
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TOP DECK

48 in
1219 mm

40 in (1016 mm)

PROFILE

5 in
127 mm

BOTTOM DECK

Crucifix

TECHNICAL SPECIFICATIONS

Length	48" (1219 mm)
Width	40" (1016 mm)
Height	5." (127 mm)
Weight	56.7 lbs (23.72 kg)
Fork Tine Opening (H)	3.75" (91.44 mm)
Fork Tine Opening (W)	15.75" (400.05 mm)
Color	Black Slats, Yellow Legs

DECK DETAILS

Anti-slip Coating	Top Deck Underside of Top Deck
Number of Slats	11 Top Deck 3 Bottom Deck

TEMPERATURE RANGE

Minimum	-40 ° F (-40 ° C)
Maximum	176 ° F (80 ° C)

LOAD CAPACITY

Static Load	60,000 lbs (27,215 kg)
Dynamic Load	9,800 lbs (4,218 kg)
Edge Rack Load	6,500 lbs (2,948 kg)

PERFORMANCE & STANDARDS

All technical data, including characteristic features, have been tested by Virginia Pallet Testing Center in accordance with ISO 8611 & ASTM D 1185. Use conditions vary by loading method, prevailing temperature, and length of storage time. *Static Load*: Compression strength on a level floor with a uniformly distributed load at a room temperature of ~20 ° C. *Racking Load*: Uniformly distributed load along the longitudinal sides, resting on two supports for more than 100h at ~20 ° C. *Dynamic Load*: On the fork with uniformly distributed load at ambient temperature of ~20 ° C.

CONTACT

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