



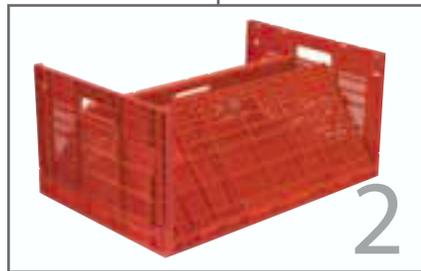
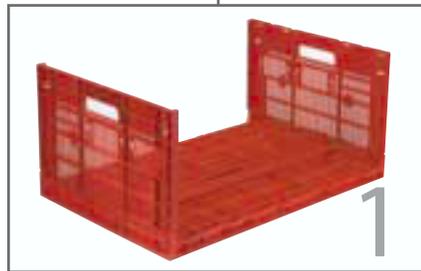
SmartCrate™

TM

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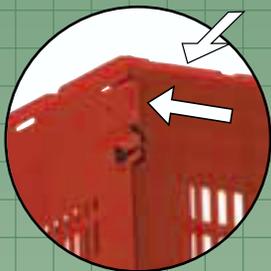


REUSABLE
PLASTIC
CONTAINERS



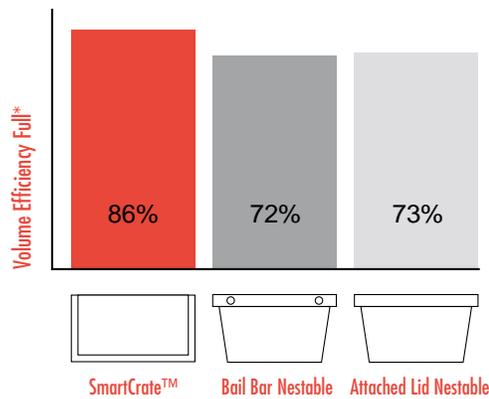
The simple 2-step assembly of IPL's SmartCrate makes it the quickest, most intuitive collapsible RPC ever. SmartCrate's innovative features were driven by the extreme demands of the produce industry for high volume use of low cost crates, optimized for space utilization full and empty, to achieve savings on long shipping routes. IPL is now introducing a broad line of highly optimized, collapsible RPCs based on this technology for use across all industries.

To Collapse:

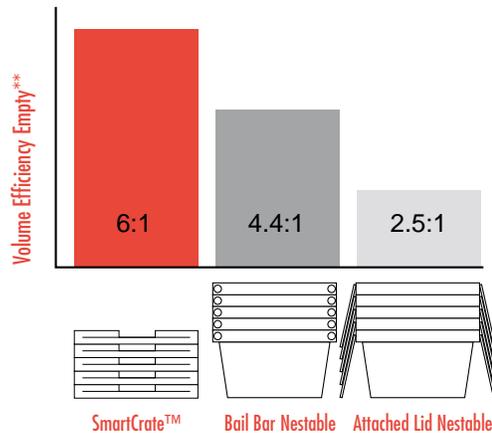


Latches on the endwalls release with light pressure from the thumb or index finger.

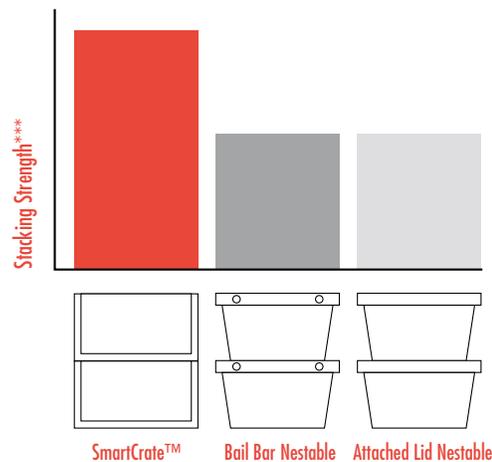




* % of external volume (L x W x H) available as internal volume.



** Ratio of empty containers to full containers per pallet place on a truck.



*** Relative compression strength - tested two high.

High Cube Utilization

Hand-held RPCs are used to replace single use containers to reduce packaging costs and waste. Traditional nestable RPCs have an inherent disadvantage in cube utilization due to space lost with taper required for nesting. SmartCrates overcome this limitation with thin straight walls and in some cases contoured walls to maximize cube utilization, closing the gap with traditional containers.

High Return Ratio

SmartCrates dramatically reduce storage and return shipping costs by reducing space utilization of empties. All return ratios are not created equal: return ratios for nestable containers are calculated as the ratio of the container height to exposed collar height when nested. This does not take into account the volume occupied by the first container on a stack. In addition to generally larger return ratios than nestables, return ratios for SmartCrates are a true ratio of set up to collapsed height.

Stacking Strength & Durability

SmartCrates have strength where it counts - in the corners to resist column load in stacking. The vertical walls and reinforced corners of a SmartCrate have far greater stacking strength than nestable containers of similar size. The flexibility of SmartCrates is their strength when it comes to durability. The key to limiting damage in abusive environments is to give with the impact rather than resist it. The modular construction of SmartCrates also reduces maintenance costs.

48 x 40 GMA Pallet Compatibility

All SmartCrates are designed to optimize the use of a standard GMA pallet. This further adds to space utilization full and empty.

Cross-Stacking

Another value adding feature of most IPL SmartCrates is cross-stacking. Cross-stacking features permit much greater interlocking of layers of full crates on a pallet load than simple column stacking available with most other RPCs. This can reduce or eliminate the need for secondary packaging to secure the load.



NOTE: SmartCrate data based on SC2416-11, bail bar nestable and attached lid nestable data based on industry leading products of similar sizes. Details available upon request.

