

# MacroBin® 12 & 14 Series



**12-FV** The MacroBin 12-FV has a rectangular footprint and four-way entry for convenience when shipping in refrigerated trucks.

With smooth surfaces and a shallow interior depth of only 12 inches, the MacroBin 12 and 14 Series are designed to pamper your delicate fruits and vegetables. Product cuts and abrasions are reduced, and with nonporous surfaces the risk of product breakdown from mildew growth is minimized.



**14-FV** The MacroBin 14-FV has runner-style feet and two-way entry on a virtually square footprint.

## Feature Highlights

- **Rounded corners and smooth surfaces** mean fewer scuffs, abrasions, and cuts on your tender fruits. Risk of contamination is reduced because there are fewer places for unwanted particles to hide.
- **Multiple ventilation slots** in the sides and base facilitate the use of thermofogging, reduce heat absorption, and help your products cool down quicker in the hydrocooler.
- **FDA-approved materials** are certified safe for use with food products, eliminating many HACCP problems associated with wood bins.
- **Splinter-resistant plastic** delivers reduced maintenance costs, fewer injuries to workers, and less damage to your product. Bin repairs are inexpensive with hot air welding.
- **Nonporous surfaces** won't absorb water or dehydrate your product like wood bins, and they provide a constant tare weight throughout their use.
- **Easy-to-sanitize** MacroBins keep cleaning costs to a minimum. A high-pressure wash removes most debris; a nonabrasive brush can dislodge any remaining items.
- **Lightweight construction** reduces shipping costs and makes MacroBins easier to move; the direct load corner posts and interlocking foot design make them safer to stack — up to 12 high.\*

\*See reverse for maximum stack weight specifications.



800.845.6555 [www.macroplastics.com](http://www.macroplastics.com)

# Benefits of Using MacroBins

## Increased productivity.



Lightweight MacroBins are easy to handle, move, and transport; these MacroBins are compatible with most conveyors and other bin handling equipment.

## Reduced cooling costs.



Hundreds of ventilation slots in the sides and base promote air flow to help your products cool down faster.

## Reduced bin repair costs.



MacroBins are virtually maintenance free; repairs are easy with hot air welding.

## Better sanitation and reduced contamination.



Smooth, nonporous surfaces are easy to sanitize and won't trap debris, breed bacteria, or absorb chemicals like wood bins.

## Improved pack out.



Rounded corners and smooth surfaces mean fewer scuffs, abrasions, and cuts on your product.

## Improved traceability and bin security.



Several identification methods including RFID tags and attractive foil embossing are available.

## Specifications for the MacroBin 12-FV

Load Capacity:	500 pounds
Volume Capacity:	21,500 cubic inches
Tare Weight:	56 pounds (short foot) 57 pounds (long foot)
Maximum Stack Weight <sup>1</sup> :	7,000 pounds (short term, ambient temperature)
Molding Process:	High-pressure injection molding
Material:	Polypropylene, U.V. stabilized
Approval:	FDA-regulated material
Container Design:	Double wall corner posts
Foot Design:	Two full-length, runner-style feet with positive interlocking foot design
Ventilation Slots:	1 9/16" (L) x 3/16" (W) in sides and base Multiple air vents located in side panels and base to facilitate air flow; rounded surfaces on interior edges of slots
Fork Lift Entry:	Four-way with patented integral slide-entry; foot side 2 1/2" opening, non-foot side 3 1/8" opening
Label Holders:	Two
External Dimensions:	45" (L) x 48" (W) x 16 1/2" (H)
Internal Dimensions:	42 1/4" (L) x 45 1/4" (W) x 12" (H)
Options:	Foot orientation: two full-length on the short side Four label holders Front and rear foil embossing Customer identification with RFID tags or foil embossing

## Specifications for the MacroBin 14-FV

Similar to 12-FV except:	
Volume Capacity:	22,700 cubic inches
Tare Weight:	58.5 pounds
Ventilation Slots:	1 9/16" (L) x 3/16" (W) in sides 1 5/16" (L) x 3/16" (W) in base
Fork Lift Entry:	Two-way: 3 1/8" opening with patented integral slide entry
External Dimensions:	47 3/4" (L) x 47" (W) x 16 1/2" (H)
Internal Dimensions:	45 1/4" (L) x 44 3/4" (W) x 12" (H)

Notes: Dimensions assume tolerance of 1/4". Volume capacities assume tolerance of 5% and tare weights assume a tolerance of 4% unless noted otherwise. Ambient temperature approximately equal to 75° F. Data is subject to change.

<sup>1</sup> Stack Weight = (weight of bin contents + tare weight of bin) X number of bins in stack

<sup>2</sup> Please contact Macro Plastics if storage temperature is below 0° F.

Please refer to the appropriate User Guide for information on the safe transportation, stacking and handling of Macro Plastics products. The User Guides in PDF format are available online at [www.macroplastics.com](http://www.macroplastics.com) or call us at 1-800-845-6555.



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