

# MACROBIN® 48

The **MacroBin 48** is the world's largest fixed-wall, high-pressure, injection-molded bin, replacing 4x4x4 foot metal, corrugated or wood containers.



## 48-FV

*The MacroBin 48-FV has hundreds of vents in the sides and base to facilitate superior airflow in storage.*



## 48-S Blue

*The MacroBin 48-S is also available in blue to assist nut processors in differentiating between nut meat and the MacroBin interior walls.*

## 48-S

*The MacroBin 48-S has a capacity of 94,000 cubic inches and holds up to 3,000 pounds or 407 gallons.*



## Feature Highlights

- **Easy-to-sanitize** MacroBins keep cleaning costs to a minimum. A high-pressure wash removes most debris; a non-abrasive brush can dislodge any remaining items.
- **Splinter-resistant plastic** eliminates contamination problems associated with wood chunks, paint chips or metal fragments. Bin repair is 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.
- **FDA-approved materials** are certified safe for use with food products, eliminating many HACCP problems associated with wood bins.
- **Injection-molded, high-impact resistant copolymer** stands up to heavy day-to-day use. The one-piece design eliminates the problem of product getting trapped between the sidewalls and base.
- **Lightweight construction** reduces shipping costs and makes MacroBins easier to move; their direct-load corner and center posts make them safer to stack — up to 5 high.\*
- **Rounded corners and smooth surfaces** mean less damage to your product. The need for expensive sleeves or liners may be eliminated.
- **Smart MacroBins** utilize securely-attached RFID tags to deliver improved tracking and traceability options.

\* See reverse for maximum stack weight specifications.



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# Benefits of Using MacroBins



**Increased productivity.**  
Lightweight MacroBins are easy to handle, move and transport; unique interlocking foot design makes them easy to align and stack.



**Improved storage capacity.**  
Direct-load corner and center posts are designed for stacking bins up to 5 high.



**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 48-S

Load Capacity:	3,000 pounds
Volume Capacity:	94,000 cubic inches / 407 gallons
Tare Weight:	188 pounds (+/- 5%)
Maximum Stack Weight <sup>1</sup> :	15,925 pounds (short term (<1 month), ambient temperature)
Molding Process:	High-pressure injection molding
Material:	Copolymer Polypropylene, U.V. stabilized
Approval:	FDA-regulated material
Container Design:	Double wall corner and center posts
Foot Design:	Three full-length feet with positive interlocking foot design
Fork Lift Entry:	Two-way: 3 1/2" opening with patented integral slide-entry
Label Holders:	Two
External Dimensions:	48 1/8" (L) x 48 1/8" (W) x 52 5/8" (H)
Internal Dimensions:	44 7/8" (L) x 44 7/8" (W) x 46 1/2" (H)
OPTIONS:	<ul style="list-style-type: none"> <li>■ Customer identification with RFID tags or foil embossing</li> <li>■ MacroLid</li> <li>■ Available in blue (48-S only)</li> </ul>

## Specifications for the MacroBin 48-FV

Similar to 48-S except:

Tare Weight:	185 pounds
Ventilation Slots:	1 3/4" (L) x 1/4" (W) in sides and base Hundreds of air vents in side panels and base to facilitate air flow; rounded surfaces on interior edges of slots

Notes: Dimensions assume tolerance of 1/8". 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

\*Please refer to maximum stack weight specifications listed above.



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