

ProBin48-S

PROBIN
FAMILY



The ProBin 48-S is the world's largest fixed-wall, high-pressure, injection-molded bin, replacing 4x4x4 foot metal, corrugated, or wood containers. Used for food processing applications and storage, the smooth, nonporous surfaces of this ProBin help to reduce the potential for cross contamination.



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

Features

Injection-molded, high impact resistant plastic stands up to heavy day-to-day use. The one-piece design eliminates the problem of product getting trapped between the side walls and base.

Splinter-resistant plastic eliminates contamination problems associated with wood chunks, paint chips, or metal fragments.

Lightweight construction reduces shipping costs and makes ProBins easier to move; their direct-load corner and center posts make them safer to stack.

Insulated with double wall construction, the 44-S is well-suited for refrigerated or frozen products.

FDA-approved materials are certified safe for use with food products, eliminating many HACCP problems associated with wood bins.

Rounded corners and smooth surfaces mean less damage to your product. The need for expensive liners may be eliminated.

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 ProBins keep cleaning costs to a minimum. A high-pressure wash removes most debris; a nonabrasive brush can dislodge any remaining items.

Secure-fitting MacroLids® provide additional coverage and further reduce the risk of contamination from foreign particles.

ProBin 48-S

800-845-6555
www.iplmacro.com

Benefits of Using ProBins



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



Improved storage capacity
For maximum capacity this 4x4x4 foot ProBin can hold up to 3,000 pounds or 407 gallons.



Reduced bin repair costs
ProBins 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.



Improve 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.

ProBin 48-S Specifications

Load Capacity	3,000 lbs (1,360.77 kg)
Volume Capacity	94,000 cubic inches / 407 gallons (1540.38 liters)
Tare Weight	184.5 lbs (83.68 kg) (+/- 5%)
Maximum Stack Weight ¹	15,925 lbs (7223.45 kg) [short term (<1 month), ambient temperature]
Molding Process	High-pressure injection molding
Material	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: 3.5" (88.9 mm) opening with patented integral slide-entry
External Dimensions	48 1/8" (L) x 48 1/8" (W) x 52 1/2" (H) 1,222.4 mm (L) x 1,222.4 mm (W) x 1,333.5 mm (H)
Internal Dimensions	44 7/8" (L) x 44 7/8" (W) x 46 1/2" (H) 1,139.9 mm (L) x 1,139.9 mm (W) x 1,181.1 mm (H)
Options	Customer identification with RFID tags or foil embossing, MacroLid, Rotator Bars, Available in blue

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.

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

Please refer to the appropriate User Guide for information on the safe transportation, stacking and handling of Macro products. The User Guides in PDF format are available, call us at 800.845.6555.