

ProBin™ Alpal™ Series



Alpal The Alpal Series of collapsible bins is designed to accommodate various flexible bag inserts for storing and shipping either dry goods or liquids.

Part of our ProBin family for food processing applications, the Alpal Series of bins can be used to ship dry goods or liquids around the globe. With 4 different footprints and various bin heights, these large containers maximize your use of space on trailers, railcars, or seaintainers. The durable rotationally-molded LLDPE framework houses expendable liners, so cross contamination is reduced. Return shipping costs are also minimized with a 6:1 return ration when the bins are fully collapsed.

Feature Highlights

- **Extremely durable** over many years of service by using rotationally molded LLDPE materials.
- **Lightweight construction** reduces shipping costs. Alpals typically weigh 30% less than other container systems, which means you can ship more product in each load.
- **FDA-approved materials** are certified safe for use with food products, eliminating many HACCP problems associated with wood bins.
- **Adjustable height** allows for the flexibility to support different material densities and shipping unit heights, maximizing logistic costs.
- **Lower return costs** when you return the containers for reuse, since the return ratio is 6:1.
- **No cross contamination** when you use an expendable liner or a returnable HDPE flexible bag.
- **Easy-to-sanitize** surfaces keep your cleaning costs to a minimum.



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Benefits of Using the Alpal

Reduced return costs.



Alpals can collapse to a height of 6.7 inches, for a 6:1 return ratio. This is typically half the cost of other returnable container systems.

8 ton stacking strength.



Tested in the field and in the lab, Alpals are suitable for road, rail, or sea transportation.

Long-term product storage.



Storing product for a long period of time in a clean, flexible plastic container system is a viable option with the Alpal system.

Interlock easily with nesting guides.



Improve stack stability and increase productivity with nesting guides that allow for a clear and quick alignment of bins.

Various flexible bags can be used.



Choose from a wide array of bags in various materials to support your product needs.

Notes:

Dimensions may vary by +/- 1% due to slight deviations in the manufacturing process, thermal expansion, or contraction. Volume capacities assume tolerance of 5%. Load capacity/stacking is based on normal conditions which include uniform loads and level surfaces. Tare weight may vary up to 5% due to variances in manufacturing processes. Data is subject to change.

Please contact a Macro Plastics representative for any other information or application / performance requirements.

Specifications for the Alpal 40 (Dry Goods)

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|---------------------|---|
| Dimensions: | 39 3/8" (L) x 47 1/4" (W) x 43 1/4" (H) |
| Capacity: | 37.3 cubic feet (Volume) / 2,205 lbs. (Load) |
| Tare Weight: | 92 lbs. |
| Stacking: | 6 high/13,230 lbs. (Static); 2 high/4,410 lbs. (Dynamic) |
| Collapsed Height: | 6.7" per unit plus 1.97" for the top unit |
| Empty Return Ratio: | 6:1 / 450 units in a 53' HC Trailer |
| Fork Lift Entry: | Four-way |
| Material: | LLDPE - rotationally molded |
| Options: | Adjustable Height; Side Discharge; Returnable Bag Material; Identification (hot-stamped); RFID Tags |

Specifications for the Alpal 45 (Liquids and Dry Goods)

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|---------------------|---|
| Dimensions: | 44 3/4" (L) x 44 3/4" (W) x 43 1/4" (H) |
| Capacity: | 277 gallons (Volume) / 2,205 lbs. (Load) |
| Tare Weight: | 125 lbs. (Liquid) / 94 lbs. (Dry) |
| Stacking: | 8 high/17,640 lbs. (Static); 2 high/4,410 lbs. (Dynamic) |
| Collapsed Height: | 6.7" per unit plus 1.97" for the top unit |
| Empty Return Ratio: | 6:1 / 420 units in a 53' HC Trailer (Dry) |
| Fork Lift Entry: | Four-way |
| Material: | LLDPE - rotationally molded |
| Options: | Adjustable Height; Side Discharge; Returnable Bag Material; Identification (hot-stamped); RFID Tags |

Specifications for the Alpal 52 (Dry Goods)

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| Similar to Alpal 45 except: | |
| Dimensions: | 48 3/4" (L) x 52 1/2" (W) x 42" (H) [50" max] |
| Capacity: | 55 cubic feet (Volume) / 2,450 lbs. (Load) |
| Tare Weight: | 125 lbs. |
| Stacking: | 5 high/12,250 lbs. (Static); 3 high/7,350 lbs. (Dynamic) |
| Collapsed Height: | 7.2" per unit plus 1.97" for the top unit |
| Empty Return Ratio: | 6:1 / 336 units in a 53' HC Trailer |

Specifications for the Alpal 48 (Liquids and Dry Goods)

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| Similar to Alpal 45 except: | |
| Dimensions: | 48 1/4" (L) x 44 3/4" (W) x 43 1/4" (H) |
| Capacity: | 308 gallons (Volume) / 3,307 lbs. (Load) |
| Tare Weight: | 145 lbs. (Liquid) / 105 lbs. (Dry) |
| Stacking: | 5 high/16,537 lbs. (Static); 2 high/6,615 lbs. (Dynamic) |



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