

# CUBITAINER®

## Specification Number: CUB5152

1 Gallon/ 4 Liter, 38mm Cubitainer Insert



**SCOPE:** This specification covers the description of the 1 Gallon/4 Liter 38 mm Cubitainer insert.

**DESCRIPTION:** The 1 gallon/4 liter 38mm Cubitainer insert is a linear low density polyethylene cubically-shaped liner, designed for use with a corrugated fiberboard overpack. The insert is manufactured by the Cubitainer process with the seam located along the diagonal periphery.

A reversible well is molded in the top face of the insert to accommodate a mechanically bonded 38mm closure designed to accept a 38-400 screw-cap.

**MATERIAL:** Linear low density polyethylene conforming to the following:

Density: 0.910—0.925 gms/cc

Melt Index: 2.6 maximum

Tensile Strength: 1500 lbs/in<sup>2</sup> minimum

Percent elongation: 400% minimum

Regrind of the same material may be utilized in processing. This material conforms to FDA Regulation, 177.1520 which permits the use of polyethylene in articles that contact food.

### DIMENSIONAL DATA:

Minimum Wall Thickness: 0.010"

Average Wall Thickness: 0.020"

Nominal Weight: 72 grams\*

**38 MM THREADED OPENING:** Injection molded, high density polyethylene with neck sealant.

**PACKING:** Units are shipped knocked down, 160 per box.

**ASSEMBLY:** The Cubitainer insert may be purchased knocked-down in bulk quantities or set up in a corrugated fiberboard carton as a composite Cubitainer container. If the insert is purchased in bulk, the customer may supply their own carton or purchase the cartons knocked-down from Zacros America. Upon customer request, Zacros America will provide technical specifications concerning the cartons and the equipment necessary for assembling Cubitainer composites.

\*This weight is established on the basis of currently available processing technology at the date of publication of this specification. Zacros America reserves the right to revise this weight specification while holding other parameters of thickness and performance constant.

*Specification current at time of issue. Issued June 22, 2017.*

#### DISCLAIMER

THIS INFORMATION IS PROVIDED AS A GENERAL GUIDE, INCLUDING DIMENSIONS. IT IS THE CUSTOMER'S RESPONSIBILITIES TO SELECT THE PROPER CONTAINER FOR PRODUCT AND APPLICATION COMPATIBILITY.

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DESCRIPTION:

1 Gallon Cubitainer®