

HEDWIN



CUBITAINER®
COMBINATION PACKAGE

HEDWIN



CUBITAINER® Combination Package is the original molded, flexible, low density polyethylene container in a box. The Cubitainer® reputation is built on nearly a half century of solid performance in packaging a wide range of products from an array of industries.

When you choose Cubitainer®, you'll be using a package that was built to withstand the rigors of hazardous chemical packaging. Cubitainer® meets applicable DOT, UN, and FDA specifications and requirements. Beyond its use as a product package for regulated and non-regulated chemicals, Cubitainer® is well accepted in the food and drug industries.

Used throughout the world, Cubitainer® Combination Package offers the manufacturer and end-user the timely advantage of Package Source Reduction. For convenience and cost efficiency, Cubitainer® can use existing filling equipment. Hedwin provides technical assistance in the quick, easy changeover to Cubitainer® assembly/filling.

The Standard CUBE® Insert is available in the industry's widest range of sizes. Custom Cube® provides exceptional packaging versatility. The Cube® Process is adaptable to a wide range of special requirements. Design possibilities include built-in handles, dispensing tubes, special color options, or a unique configuration to work in conjunction with your machinery or rack system.

U.S. Standard Cubitainer®	Metric Cubitainer®
1 Quart	1 Liter
1 Gallon	4 Liter
5 Quart	5 Liter
2½ Gallon	10 Liter
3 Gallon	20 Liter
4 Gallon	
5 Gallon	
6 Gallon	

The Hedwin Cube® Insert is a blend of linear low and low density polyethylene manufactured in the form of a cube shaped liner, and designed for use with a corrugated fiberboard overpack. The natural color Insert is manufactured by the Cube® Process with a seam located along the diagonal periphery.

The top face of the Insert is typically designed to accommodate the fitment of either a 38mm or 63mm screwcap opening. A reversible well design permits the Cube® opening to be raised or depressed for pouring and storage. Other closure options are available.

Cube® is designed to collapse as product is dispensed. The non-glug design assures product flows from the Cube® in a continuous, uninterrupted stream.

Cubitainer® meets UN Packaging Type 4G and is authorized for Packaging Group II and III liquids. Cube® material conforms to FDA Regulation 177.1520 which permits the use of polyethylene in articles that contact food.

The Cubitainer® Carton is a corrugated fiberboard overpack designed for use in conjunction with the Cube® Insert. Features include:

- Assembled Cubitainer® weighs less than rigid containers of comparable volume. More of your product on shipments where weight limitations exist.

- Achieve maximum palletizing efficiency and safety with the Cubitainer® design.

- Cubitainer® is an approved shipping container by United Parcel Service.

- Technical specifications for cartons are readily available to assist Customer direct purchases.

- Cubitainer® design provides safe, easy, and convenient shelf dispensing features.

- Advanced corrugated technology: Increased performance with a reduction in materials.

- Corrugated: Recognized as one of the easiest to recycle packaging components.

- Corrugated overpack provides decoration choices that go beyond silkscreening or labeling. Cubitainer® four panel design offers twice the surface space for product advertisement and usage information.

- Carton design options include die-cut opening or perforated "tear-out" section for CUBE® Insert access. Larger sized Cubitainer® can be fitted with optional Plastic Carrying Handle.



To save in shipment and storage space, the empty Cube® is folded into a nested configuration. This style offers the Customer a space-saving ratio of 8 to 1.

Dispensing options with CUBITAINER® meet the wide diversity of Customer applications. Three of the most popular dispensing features include:



W&D Quick Serve Tap

With 38mm - 400 screwcap attachment. Fast, easy, and cost-effective dispensing.

Tube Dispensing Kit

Available with rubber or latex tubing with "pinch-off" clamp. A cost-efficient option for shelf dispensing systems.



Colder Quick Connect

Offers fast, no-spill, container change-over with quick one-hand connection. 38mm-400 screwcap closure with Puncture Seal tip. Quick Coupling body comes in two sizes: 1/4" or 3/8" ID tubing fitting.



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Cubitainer® has been selected as the container of choice by leaders in industries as diverse as photochemicals, sanitary, and reagent chemical products.

Unique shapes to fit custom rack designs, and advanced package cleanliness precautions are just two of the ways Cube® versatility fits the unique requirements of our Customers.

Hedwin's quality commitment includes:

ISO 9001 certification in design and manufacturing.

Total Quality Management: A continuous improvement process focusing on the Customer. Our goal: To meet and exceed the Customer's requirements at all times.

Advanced Quality Planning: AQP employs a systematic, cross-functional approach to projects, determining the best materials, tools, and methods to meet process, product, and Customer requirements. The goal: Develop the optimum process and product.

CUBITAINER®

Meeting the environmental challenge for Package Source Reduction

The Environmental Protection Agency states the concept of Source Reduction must stand at the forefront of industry efforts to deal with the growing waste disposal problem.

A prime example of industry's commitment to the concept comes from the Source Reduction Council of the Coalition of Northeastern Governors (CONEG). The Council's Preferred Packaging Guidelines list the minimization of packaging as one of four major guidelines in the designing, production, and use of product packaging.

Hedwin Corporation, a pioneer in the production of environment-friendly packaging, has a ready answer for decision makers whose mission will be to secure packaging that meets the environmental mandate of Package Source Reduction. The Hedwin Cubitainer® Combination Package is a durable, lightweight package offering an exciting opportunity to manufacturers concerned with the environment, as well as an important selling tool for the Customer sales force: Source Reduction means tangible savings for the end-user.

The Cube® Insert, molded of low density polyethylene, delivers the highest refuse-to-space ratio among DOT/UN packages. The Cube® nesting feature allows insertion of eight 5 gallon Inserts into the same space where only one rigid container can be placed. While the 5 gallon 90 mil plastic pail generates nearly three pounds of waste material, a Cube® Insert of comparable volume slashes that figure by more than 83%! Waste reduction of this magnitude offers meaningful cost savings to end-users responsible for the disposal of your product packaging.

Dwindling landfill space has meant increasingly higher costs for increasingly limited access. Research by the National Solid Wastes Management Association found that landfill "tip-fees" have increased a staggering 149% during the past decade. An analysis of your company's fees will clearly demonstrate why producers and users of liquids and dry flowables, once packaged in rigid containers, are eagerly pursuing the cost advantages of the flexible Cube® Insert.

During the same period landfill tip fees were on the rise, costs related to the incineration of waste materials were rising at the even higher rate of 209% according to the same National Solid Wastes Management Association.

Is recycling the solution to the crisis of quickly diminishing landfill space? At present, the efficient collection and sortation of plastics waste are major obstacles to productive recycling efforts. Overall, the investment needed to build up a viable recycling infrastructure will cost many millions of dollars. No surprise then, that the Institute of Scrap Recycling Industries estimates that only 1% of all plastics were recovered and reused in the 1980's.



What of the potential afterlife of these recycled plastics? Many companies, food and health related, for example, are precluded from fully utilizing recycled materials for reasons related to product liability concerns. Products made of recycled materials also face questions of performance capability versus containers made of virgin material. As a leader and innovator in plastic packaging for over 50 years, Hedwin Corporation is actively exploring the opportunities available to concerned manufacturers seeking product applications for recycled resin. While we mutually work towards the ongoing utilization of recycled materials, our planet's ever worsening predicament calls for the thorough investigation of alternative packaging like the Cubitainer® Combination Package which aggressively implements Source Reduction.

Your Hedwin Representative is prepared to review your individual packaging needs, and demonstrate how the Cubitainer® can provide solutions to the Source Reduction issues facing both your company and your customer in these environment conscious times.

CUBITAINER®

COMPARE PACKAGES AND SEE THE SAVINGS

Customer savings with the CUBITAINER® Combination Package go beyond "per piece" cost comparisons. A Cubitainer® Customer saves in these important ways as well:

INBOUND TRUCKLOAD QUANTITY



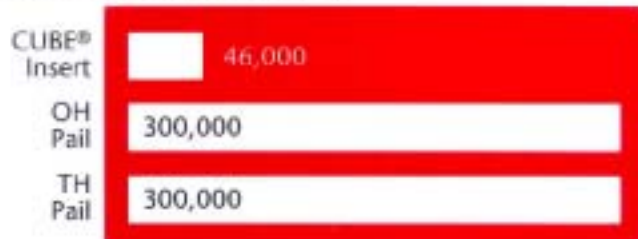
WAREHOUSE SPACE

(Incoming truckload = Gallon potential)



WASTE REDUCTION

When not recycled, this is a comparison of how much plastic enters the waste stream* (in pounds):



*Figures are based on annual usage of 100,000 units.

All figures are approximate.



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