

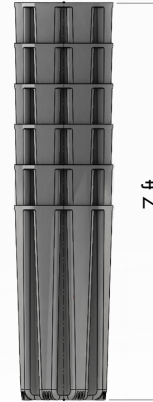
Container for biological, chemical and low level radioactive waste and endless other applications

Applications areas for CC containers

- Transportation and storage
- Solid and liquid material
- Industrial chemicals
- Cooked oil recycling
- Biological hazardous waste
- Food and water
- Radioactive sludge
- Paint, varnish, ink and solvents
- Industrial detergents and cleaners
- Seeds, grains and fertilizers
- Oils and other lubricants

Additional details

- Volume: 50 US gallons
- Four containers side by side on 4 x 4 ft pallet
- Bottom fits neatly in lid for stacking
- Empty containers can be nested
- Lid design allows straps to be placed for barrel transportation
- Designed to comply with UN packaging performance test criteria for Packing Group II - Medium danger:
 - Drop test with full container from 3.9 feet at 0 degrees F
 - Stacking test 3 full containers for 28 days at 104 degrees F
 - Leakproof test - not less than 20 kPa (3 psi)
 - Vacuum test - for liquid packaging



No metal parts

All parts of the CC container are produced from injection molded high-density polyethylene. Bolts and nuts are made from hardened plastic material with high impact resistance.

Easy operation

The lid is locked in place with 8 bolts turned 90 degrees, and sealed with specially engineered gasket. Bolts remain in place even when the lid is turned upside down. The container comes with a separate sealed inner lid for easy filling of liquids or smaller solid items. An optional strainer in the inner opening of the lid is available to avoid unwanted objects in liquids.

Robust

We have included shock absorbent ribs around the edges of the lid. Similar ribs are found at the bottom of the container, improving strength and stability. At the top, the U-shaped outer ring profile with inside gasket improves impact strength, and the longer ribs leading toward the lid center increase resistance against inside pressure. The inner lid has a high-strength o-ring seal.

Cost effective transportation

To keep logistics costs down, we have designed the CC containers to be nested within one another. Save dollars and save the environment.

Enhanced version CC+ to be certified Type A for radioactive material.

Mezonic AS

About Mezonic - formerly Nuclear Protection Products

OUR PRODUCTS

We offer containers for hazardous waste, general purpose containers, containers for radiopharmaceuticals, and fasteners to the building industry.

Mezonic also performs product innovation and injection molding production of polymer based products for industrial use as well as for consumer markets.

For more information on any of our products or services please visit us at www.mezonic.com.

Mezonic AS was established to develop and mass-produce the next generation packaging systems for radioactive materials. Years of research has confirmed the applicability of our concepts. Mezonic has obtained several patents pertaining to the use of HDPE in combination with lead for shielded containers to nuclear material, as well as for a production cell for mass production of these innovative containers. Our mission is to develop and produce containers to seal, save and secure any nuclear waste as well as other waste that is toxic or hazardous to the environment, and are continuing the development towards a product line that includes Type B certified mass produced containers.

We recently extended our business to include product innovation and production of polymer based products also for other markets and uses. Today, we are in the market with a 50-gallon HDPE general purpose drum that is particularly suited for toxic and low level radioactive material and waste. From an R&D cooperation with Savannah River National Laboratories, we aim to have the premium version CC+ container Type A certified by first quarter 2016.

Mezonic also has a product line of containers for radiopharmaceuticals, made from an HDPE and lead combination, or alternatively lead-free containers made from special polymer compounds.

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