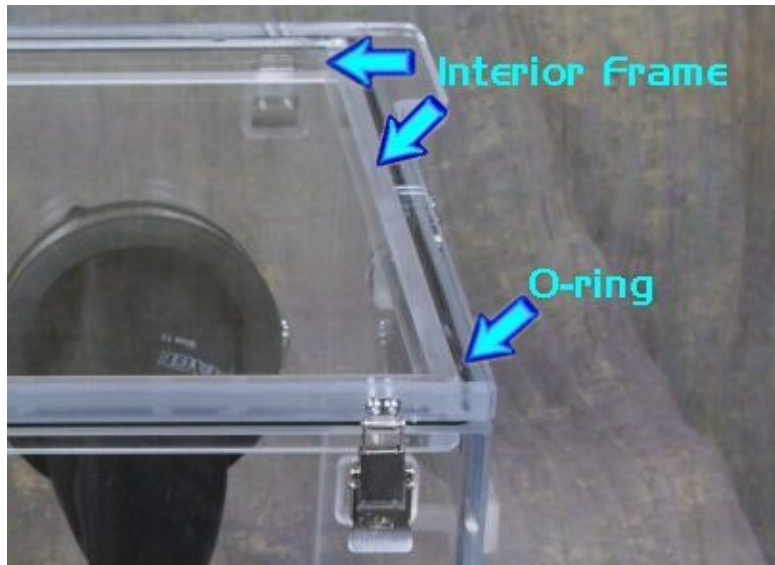


CANUS
Plastics Inc.

MAIL CONTAINMENT BOX





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In direct response to the events of September 11, 2001, the Canus Mail Containment Box was the brainchild of the R.C.M.P., Canada's federal police force.

The key is containment. A suspicious package must be isolated to minimize potential contamination of the area in which it is situated, not just for the sake of those in close proximity but for anyone in the building who might share the atmosphere.

Dubbed the "Bad Bugs Box" in its prototype stage, it was developed by the Mounties and Canus to contain suspect letters or parcels in a completely airtight environment that would not be compromised during handling and transport.

Each box is custom fabricated from 1/2" cast acrylic. This ensures strength and rigidity to eliminate flexing. The lid is 3/4" thick with an O-ring seal held tightly to the box by 8 evenly placed clamps. The joints are achieved with solvent and completely airtight. A frame fits precisely inside the box to further support the O-ring. The interior dimensions of the box are 24" long X 18" wide X 13 1/2" high. It weighs 52 pounds.

Clear acrylic was chosen to permit a view of the contents from 4 sides, top and bottom. The box's size provides maximum working volume while permitting the box to safely pass through an airport X-Ray machine of international dimensions for further inspection and/or irradiation of the contents.

The safe transport of the box and its contents without compromise to the airtight seal was an important factor in its design. Moulded 90° angles result in a weakened plastic that could crack or torque during handling. That is why the box is hand constructed.

With gloves as a component, a suspect object can be manipulated without removing it from its airtight environment. Equally, if not more important, the gloves serve as a safety valve when the box is suddenly subjected to an environmental change. Were it to be taken from a 70° F atmosphere and placed in one of significantly higher temperature (the

trunk of a police car in Houston in July), the gloves will take up the natural expansion of air inside the box thus maintaining the integrity of the seal.

The gloves are of natural rubber, extra thick for added protection and resistance to abrasion. They should only be used by qualified Haz Mat personnel.

Tested by the R.C.M.P. and meeting all design criteria, the box is in the hands of first response units across Canada. Mail rooms in several Canadian government offices have a box standing by as do many embassies and Hazardous Material personnel in a number of European countries.

Canus Plastics Inc. of Ottawa is one of the oldest custom plastic fabricators in Canada with 55 years of experience in the design and manufacture of specialty plastic products.