

# Rugged Food Containers

## Operational Food Protection

The CP Cases food container NSN 7660-21-913-1135 (modified) is manufactured from food-grade high density polyethylene coloured in olive drab green and is designed to hold standard gastronorm trays.

The top and bottom shell assemblies are impervious to corrosion, are resistant to surface damage, are totally immersible in water and are washable in commercial dishwashers at temperatures of 82 degrees centigrade without breaking or becoming distorted.

The continuous silicon rubber sealing gasket can be removed for washing if required and is easily and quickly replaceable if damaged.

An integral pressure/vacuum relief valve automatically relieves any differential in pressure.



The top cover is secured by six stainless steel, quick-release over-centre fasteners flush mounted to prevent damage and snagging of clothing.

The containers have integral handles and stacking features to enable stacking six high.

This container has been in use since 1997 with over 20,000 in service in the Canadian Army, Air Force, Navy, Royal Canadian Mounted Police and the Alberta Fire Service. They have been used in active service from the Arctic to Afghanistan.

## Technical Specification

<b>Material:</b>	Rotomoulded Food-Grade High Density Polyethylene
<b>Insulation:</b>	Cavity filled with polyurethane foam > 25 mm thick
<b>Food Trays:</b>	Designed to take one 25 litre gastronorm food pan 530 x 325 x 150 mm; or two 10 litre gastronorm food pans (polyethylene support bracket supplied)
<b>Cleaning:</b>	Can be machine-washed to 82 degrees centigrade
<b>Construction:</b>	<p>Removable lid with six stainless steel, quick release over-centre catches, flush mounted to prevent snagging of environmental clothing</p> <p>The lid is designed to hold the stainless steel pan covers down tightly when closed, even when dropped</p> <p>The internal surface finish is smooth with no crevices for dirt or food to collect and to facilitate effective cleaning</p> <p>The lid is sealed with a one-piece continuous silicon rubber gasket</p> <p>Integral handles facilitate easy lifting even when wearing arctic gloves</p> <p>Integral pressure/vacuum relief valve allows for automatic equalisation of pressure</p> <p>Moulded in olive drab green colour (other colours available upon request)</p>
<b>Insulation Efficiency:</b>	Specification is for a heat loss of no more than 11 degrees centigrade over two hours with a starting food temperature of 82 degrees centigrade and an external temperature of minus 25 degrees centigrade. In the ice storm experienced in Eastern Ontario in 1998, it was found that food was kept warm for fifteen hours.
<b>Drop Testing:</b>	Permits a container three quarter filled with water to withstand a drop of 1000 mm without sustaining any damage or leakage. In operational testing with the Canadian Army it has withstood the shock of being dropped from the back of a military truck at speed without spilling any hot food.
<b>External Dimensions:</b>	<p>Length 650 mm</p> <p>Width 450 mm</p> <p>Height 320 mm</p> <p>Weight less than 12 kg</p>