



INSULATED FOOD CONTAINER 18 LITRE (NSN 7330-99-300-7605)



Decades of military user experience is the basis for the design of this container. The container can be used for transporting food or beverages, either hot or cold. The beverages can be poured without opening the lid to avoid changes in temperature. Light plastic INSERTS give a choice of carrying a split meal in one container.

HYGIENE FACTORS



High standards of design and construction make the container extremely hygienic. All surfaces are smooth to facilitate easy cleaning. The lid and container can be cleaned separately, and the small components in the lid can easily be stripped for cleaning.

CONSTRUCTION



There are two major components: CONTAINER with handle and LID with locking bar, tap, vacuum valve and lid gasket. Container and the lid each consists of an outer and inner part, welded together and enclosing the INSULATION. Valves and handle are by design protected against impact. A LADLE fits into the inner lid. Containers can be stacked on top of each other. No maintenance, except for cleaning, is required. The container will float on water, even when filled.

WEIGHTS AND DIMENSIONS

External Dimensions:
(with handle down)

Height: 470mm

Width: 385mm

Depth: 230mm

Capacity: 18 Litres

Insert Container Capacities:

8.2 Litres x 2

Weight: 6kgs

MATERIALS

Container:	Polypropylene
Inner Lining:	HDPE
Lid:	Acetal
Handle:	Chromated Steel
Locking Bar:	Chromated Steel
Tap/Valve:	HDPE
Insert:	HDPE
Ladle:	Polyacetal
Insulation:	Polyurethane

COLOURS

Outside:	Olive Green (standard)
Inside:	Cream

AUTHORISATION

The plastic in contact with contents meet approval standards i.e:

NATO: NSN 7330-99-300-7605

EEC: Commission Directive 90/128/EEC (1990) Section A

FRG: BGA - Empfehlungen (1991) A VII, Stand. 15.4. 1991

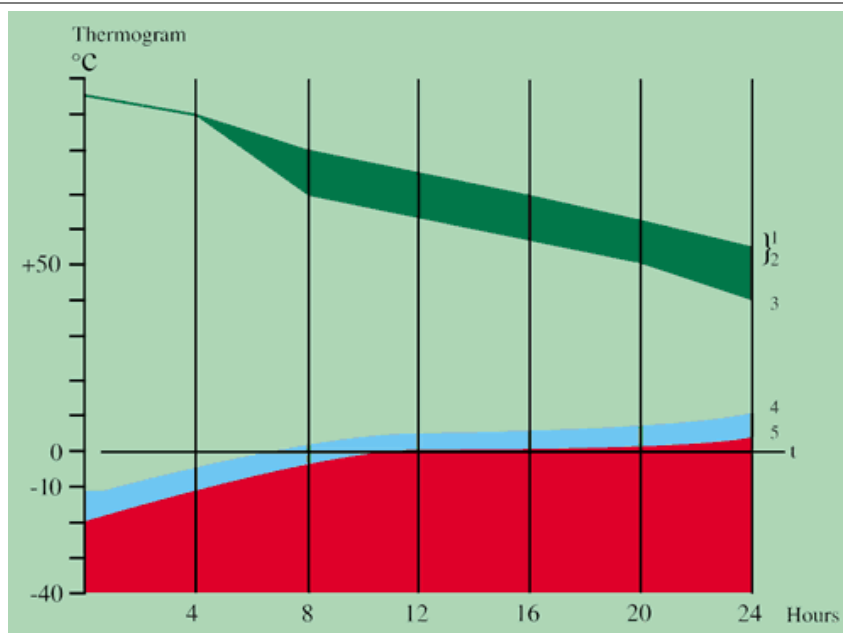
Spain: ANAIP (1982) Anexo 1, Anexo 4

UK: BPF-BIBRA (1987) Polymer specification 5

USA: FDA, CFR Title 21 (1990) 177, 1520

INSULATION PROPERTIES

Repeated tests show the following averages for insulation properties against cooling and heating. Container was filled with 18 litres of water, initial temperature 95°C, respectively with 10 kg of crushed ice:



Water: Container filled with 18 litres of water at 95°C

1	Container preheated, ambient temperature +21°C
2	Container not preheated, ambient temperature +21°C
3	Container not preheated, ambient temperature -21°C

Crushed Ice: Container filled with 10kg of crushed ice

4	Ambient temperature +39°C. After 24 hours there remained 3.42 kg ice
5	Ambient temperature +21°C. After 24 hours there remained 5.54 kg ice