

PRODUCT DATA SHEET

LIFEJACKET INFLATOR MA1 (IA-06XX)

HS CODE 84798997, Country of Origin SWEDEN

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DESCRIPTION

The inflator Cap is one of two parts in HAMMAR's inflation system for inflatable lifejackets MA1. The cap is the front part of the system where the energy and mechanism activating when submerged in to water.

The cap, when activated transfer force to the body with cylinder that extract CO2 gas into the lifejacket bladder. The increased volume of the bladder increases the buoyancy of a person in water, preventing a person in water from drowning. The cap prevents inadvertent activation as it requires both presence of water and pressure to activate.



ACTIVATION

Automatically activates when submerged in water, **and** with a pressure difference of about 10 centimeters.

Manual activation by pull tab.

SERVICE LIFE

To be replaced after the five-year expiry date marked on the top label or when the single point indicator is red.

PULL TAB AND CORD

Available with different lengths

APPROVED TO STANDARDS

- European Normalisation Standard for lifejackets
– EN 396 etc - A1/MA1 EC
- IMO/SOLAS (A 689/17) standard as detailed in M.S.A.
(U.K.) test methods "Vol 2" - A1/MA1 EC
- Civil Aviation Authority Standard specification number 5
Federal Aviation Authority - Standard TSO C13f - A1
- ISO 12402 - MA1 EC

The following tests exceeds the standard:

- Time to total discharge of gas (ambient temperature) = 60 gms compressed CO2
- manual activation 2,5 seconds from time of pulling tab
- automatic activation 3,5 seconds from time of immersion
- 1F Humid atmosphere/automatic operability test 95,6 to 97,5% relative humidity at (120oF)

LABEL AND PRODUCT MARKING

Material: UV-resistant and peel-proof material.

The inflator cap is marked as follows: 1703-30315-60/2
1703: Date of manufacturing (Year, Month)
30315-60: Batch number
/2: Issue number

TRANSPORT AND STORAGE

Storage shall be conducted in a dry tempered space.

The Hammar inflator is not affected by the pressure differences created in the air.

PACKING SPECIFICATIONS

To minimize shipping costs, these are packed in boxes containing 200 pcs.

Outer box dimension: 37x30x37 cm
Approximate gross weight of 200 pcs: 10 kg



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SPECIFICATIONS

SPECIFICATIONS	OPERATING CAP
SIZE	Outside diameter: 52 mm Depth: 23 mm
WEIGHT	46 gram
COLOUR	Yellow
MATERIAL	Cap: P.B.T. Spring: Stainless steel

