

PRODUCT DATA SHEET

LIFEJACKET INFLATOR A1 (IA-04XX)

HS CODE 84798997, Country of Origin SWEDEN

• • • • •

DESCRIPTION

The inflator Cap is one of two parts (Cap + Body) in the first generation HAMMAR's inflation system for inflatable lifejackets, A1. The cap initiates the activation when the activation criteria are met and releases the force in the coiled spring. The force is transferred to the second part (Body) of the Hammar inflation system, the piercing unit. The piercing pin penetrates the attached CO2 cylinder and extracts 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 indicator is red.

PULL TAB AND CORD

Available with :

- Standard Pull Tab (171,30mm)
- Short Loop

APPROVED TO STANDARDS

- European Normalisation Standard for lifejackets, EN 396
- IMO/SOLAS (A 689/17) standard as detailed in M.S.A. (U.K.) test methods "Vol 2"
- Civil Aviation Authority Specification number 5
Federal Aviation Authority - Standard TSO C13f

The following tests exceed 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 temperature-controlled space.

The Hammar inflator is not affected by the pressure differences created in the air. Activation requires a pressure difference and presence of water.

PACKING SPECIFICATIONS

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

Outer box dimension: 37x30x37 cm

Approximate gross weight of 200pcs: 10 kg



Scan the QR code for applicable products

SPECIFICATIONS

SPECIFICATIONS	OPERATING CAP
SIZE	Outside diameter: 51,50 mm Depth: 24,70 mm
WEIGHT	65 gram
COLOUR	Yellow
MATERIAL	Cap: P.B.T. Spring: Stainless steel

