

Datasheet

Hydrostatic Release Unit

Seamate Ve-I Mini

T-ISS

Product description

Seamate VE1-Mini HRU for Liferrafts up to 12 Persons
The Seamate VE1-Mini Hydrostatic Release Unit (HRU) is specifically designed for liferafts with a capacity of 1 to 12 persons and is intended for use outside SOLAS regulatory requirements.

The unit consists of a double-looped rope line, a release mechanism, and a specially designed weak link featuring a green lower thimble, with a breaking strength of 1.2 ± 0.4 kN. The colored strong rope is secured to the deck or liferaft cradle and connected to the liferaft lashing via a slip hook.

Through innovation of our HRU, materials generate less than 50% of waste, making it an eco-friendly choice compared to common models.

In the event of sinking, increasing water pressure activates an integrated cutting mechanism at a depth of approximately 4 meters. This mechanism severs the rope, allowing the liferaft to float free.

As the vessel continues to submerge, the painter line is tensioned, automatically initiating liferaft inflation. The red weak link then breaks, enabling survivors to safely board the deployed liferaft.

The Seamate VE1-Mini requires no annual servicing, maintenance, or spare parts. However, it must be replaced after a maximum service life of three years onboard.

Pictures



Dimensions, Certificates & Standards

Art.no: HRU001-M

Unit Size

Lxbxh (165 x 75 x 65 mm)

Weight: 0,22kg

HS code: 8479.8997

IMPA: 330119 ISSA: 4700802

DNV: Type Approval - USCG: Pending

Use

From 1 to 12 persons liferafts.

Expiry

Replacement needed every 3 years during the service interval of the liferaft.

Installation

Read Manual carefully before installing and install according instruction