

PRODUCT DATASHEET

CLS Rescue Line Assembly - Replacement Component for the CLS Upgrade Kit

Product Overview

The **CLS Rescue Line Assembly** is a buoyant rescue line system designed to improve the handling, deployment, and controlled towing of throwable water rescue devices. It is a core component of the **CLS Rescue System**, optimized for fast, tangle-free deployment and secure line handling during water rescue situations. The assembly enhances usability and safety while maintaining full compatibility with approved throwable rescue devices.

⚠ The CLS Rescue Line Assembly is not a standalone life-saving appliance.

Intended Use

The CLS Rescue Line Assembly is intended to be used together with:

- a compatible throwable rescue device (ring buoy or horseshoe buoy), and
- the CLS Harness Kit.

It is designed to:

- enable controlled horizontal towing of a person in the water,
 - provide secure and ergonomic line handling for the rescuer,
 - reduce tangling and handling errors during deployment,
 - support effective rescue operations without preparation.
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Key Benefits

- **Buoyant rescue line** – stays visible and accessible on the water surface
 - **Tangle-free rope storage** – integrated rope holder ensures clean deployment
 - **Floating handle** – easy to locate, grip, and control in wet conditions
 - **Integrated V-cleats** – assist controlled pulling and force management
 - **Quick attachment** – buoyant carabiners enable fast and intuitive connection
 - **No knot tying required** – reduces preparation time and user error
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Components Included

- Hollow braided buoyant rescue rope
 - Floating plastic handle with rope holder
 - Integrated V-cleats for grip and control
 - Two buoyant carabiners for quick attachment
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Compatibility

- Compatible with **CLS Harness Kit**
- Designed for use with **most standard-sized ring and horseshoe lifebuoys**

⚠ Compatibility depends on buoy shape, size. Correct fit must be verified before first use.

Technical Specifications

Rescue Rope

- Diameter: 8 mm
- Construction: Hollow braided
- Material: Polyethylene (PE)
- Color: High-visibility (orange)
- Length (standard): 18 m (60 ft)
- Optional length: up to 30 m (100 ft)
- Breaking load: approx. 600 kg

Carabiners

- Material: Aluminum alloy (ALU 7075)
- Buoyancy: Foam-covered, floating
- Gate type: Wire gate
- Dimensions: approx. 80 × 53 × 23 mm
- Breaking load: 12 kN
- Gate opening: 13 mm

Handle

- Floating plastic construction
- High-visibility color
- Ergonomic shape for secure grip
- Integrated rope holder and V-cleats

Limitations of Use

- Intended **for horizontal towing only**
- Not suitable for lifting or hoisting a person vertically
- Not designed for climbing, securing, or load-bearing applications
- Use only with compatible rescue equipment

Safety & Compliance

- Assessed as part of the **CLS Upgrade Kit system**
- Covered by the system-level **risk analysis and safety concept**
- Developed in line with **ISO 10377:2013 consumer product safety principles**
- Subject to the **EU General Product Safety Regulation (EU) 2023/988**

Detailed safety instructions are provided in the **Instruction for Use**.

Service Life & Replacement

- Designed for repeated rescue operations
- Service life depends on use intensity, UV exposure, and maintenance
- Rinse with fresh water after saltwater use
- Replace if rope, handle, or carabiners show visible damage or excessive wear

Intellectual Property

The CLS Rescue Line Assembly forms part of the CLS Rescue System, protected by granted patents in multiple jurisdictions, including the European Union, United States, Japan, Australia, and China.

Manufacturer

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