

DOUBLE RESCUE SLING STROP

SKU - 40020123

CLOSED - HYPOTHERMIA - STIFFENED RISER

Description

The Double Rescue Sling Strop is an orange buoyant rescue device intended for hoist rescue operations. This strop is padded and made in a highly visible fluorescent orange material with 3 silver SOLAS reflective stripes for easy night spotting on the external and 4 anti slip friction stripes on the internal, it is also equipped with a rear towing grip.

The Closed strop Primary security is the 45 mm webbing risers assembled in a A-ring to fit into the hoist hook. Secondary security is a stainless steel 3-bar slide with 2 webbing toggles for the casualty to pull downwards to minimize the distance between the lift straps. This is called "TRIPLE-S" = Self Securing System

Materials used

Webbing: 45mm polyamide MIL-W-27265, type 7 webbing, with a tensile strength of 6000 lbs. Hoist point: Stainless steel A-rings, with a tensile strength of 4400 lbs



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Cleaning and drying

Sewn parts

Webbing and all other fabric can be spot cleaned with a mild solution of dish soap and lukewarm (max 30°C) tap water, using a small soft brush.

To remove salt deposits, let the rescue sling strop stay in a bath of lukewarm tap water (max. 30°C) for 30-60 minutes, then carefully flush it with cold tap water (max. 20°C) for a minimum of 5 minutes. Rinse until the water from the webbing does not taste salty any more, shake it and allow to dry at room temperature.

Buckles, adjusters etc. must be left in open position to allow as much free flowing air around as possible.

Do not wring, compress or machine dry the rescue sling strop as this will damage the fibres.

Hardware

Hardware may be cleaned with lint free cotton cloths. Do NOT use abrasives, solvents, acid or caustic liquids as they may damage the anti-corrosion treatment of the hardware. If small stains of oxidation (pre-stage of corrosion) is found, they may be “rubbed” away using a small soft brush and tooth paste. Do not use steel wool and/or chemicals, as this may be harmful to the surface treatment. Remember to rinse carefully with cold tap water. After rinsing, shake well and allow to dry at room temperature.

Annual inspection and functional tests

The rescue sling strops are to be inspected and functionally tested after thorough cleaning. All parts must be inspected visually, following the check list enclosed in this document. Always be methodical when inspecting the assembly and work your way from one “end” of the assembly to the other. Check the Product Log Card for any remarks.

Webbing

Repair or replacement is necessary if your webbing shows any signs of beneath damages:

* Damaged or cut edges. Heavy wear and exposed single fibres. * Partial stiffness from UV radiation • Spots from acid (or other aggressive chemicals), rust or mildew. • Excessive soiling • Missing stitches or damaged sewing. • Deformation due to wear or hardware interface.

Stitch Patterns

Repair or replacement is necessary if stitch patterns have broken, cut, worn or missing stitches or threads. Where possible, remember to check all stitch patterns from both sides of the webbing.

Hardware

Repair or replacement is necessary if hardware shows any sign of beneath damages:

* Nicks, burrs and sharp edges. + Deformities, cracks and breaks • * Missing parts, malfunction, rust or corrosion. * Severe wear and tear. * Scoring, or uneven wear. * Broken or missing components

Attention has to be given to: holes, cavities from pitting, and worn surfaces.

Product label

After inspection, check that the product label is readable. If the maintenance is performed by Lite Flite, the label will be replaced by a new label with a new “Next inspection date” printed

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Inspection Check List

Part No.	Serial No.	inspected by	Date	Signature
Check No.	Description	Pass / Fail		
1)	Assembly is clean, dry and free from rust and mildew			
2)	Stitches in stitch patterns are intact and no stitches are missing for: <ul style="list-style-type: none"> * Stitch patterns at ends of main straps, securing V rings to the assembly * Stitch patterns at buckle end of webbing inside sling strop * Stitching of end fold, securing tang to the webbing inside the sling strop * Stitching of rear towing handles' anchor points 			
3)	Webbing edges are intact and without cuts or severe wear			
4)	Webbing fibres are intact and not broken			
5)	Webbing surfaces is intact (Slightly frayed or woollen appearance is allowed)			
6)	Webbing shows no signs of stiffness due to UV-radiation			
7)	Hardware is fully functional <ul style="list-style-type: none"> * Engage buckles and connectors and pull webbing to check function * Test that slider can move freely along the straps 			
8)	Hardware is free from nicks, burrs and sharp/ cracked edges			
9)	Hardware has no corroded or scored surfaces and edges			
10)	Hardware is not deformed or broken in any way			
11)	Labels are stitched properly to the assembly and are fully legible			
12)	The orange cover is securely stitched to the foam cushion and webbing straps, and does not slide			
13)	Reflex stripes are stitched to the orange cover and are intact			
14)	Anti slip stripes are stitched to the orange cover and are intact			

If the sling strop has passed all inspections, it can be released to service

If a sling strop fails inspection, it is to be removed from service, and may not re-enter service until all errors have been corrected and a new inspection has been performed with a positive result.



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Inspection Notes

Part No.	Serial No.	inspected by	Date	Signature
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Note No.	COMMENT
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INSPECTION PROTOCOL

REPORTING

Rescue sling strops that do not pass final inspection may not re-enter into service. Withdraw the equipment from service, and report to I.C.Brindle & Co Ltd who will advise further action. I.C.Brindle & Co Ltd can be reached by phone +44 (0) 1202 657814 or by email to info@icbrindle.com If sending email, please include as many details as possible and be prepared to send close-up pictures.

STORAGE

All repairs and overhauls must appear clearly from the product log card for each rescue sling strop. Storage dates must be entered into the log card. The rescue sling strop may be stored dry and clean in a closed cardboard box, under normal warehouse conditions: The recommended storage temperature range is from +10 oC to +30 oC It is, however, authorized to store at temperatures from -18 oC to +45 oC Rescue sling strops are not to be stored in the same room as lead-acid batteries, other damaging acids or corrosive compounds, and must be stored away from direct sunlight and UV radiation.

RELEASE TO SERVICE

By release to service from storage, the rescue sling strop is to be inspected before re-entering service.

LIFETIME

Lifetime of sewn products are according to conditions and intensity of use.

Manufacturers recommendations:

Shelf life: Maximum 5 years from date of manufacture

Life time: Maximum 5 years from date of initial use.

CAUTION!

FAILURE TO OBSERVE THESE INSTRUCTIONS MAY CAUSE THE RESCUE SLING STROP TO MALFUNCTION, WITH SUBSEQUENT RISK OF SERIOUS INJURY OR DEATH.