

SOS Helicopter Rescue Strop

General Description

The strop has been designed for hoisting personnel from ships, shore and the sea during helicopter operations. It comprises a central padded comfort section encased in a durable high-visibility cover. A webbing lift strap passes through the centre section and each arm of the strap terminates in a stainless steel D ring.

There is a grab handle around the foam filled comfort pad, which is only to be used to assist retrieval the casualty into the aircraft - **This is NOT a lifting point.**

SOLAS grade reflective tape is used to aid detection of the strop at night.

The strop is to be used only by persons properly trained in its safe use

Instructions for use

1. Place the strop around the upper chest of the casualty and under the armpits, with the D-rings to the front of the casualty
2. Move the adjusting strap (toggle) as close to the casualty as possible
3. The wearer's arms must be kept down and outside of the strop
4. The casualty may then be lifted to the helicopter
5. The Safe Working Load (SWL) of the strop is 272kg

The winch hook of the rescue aircraft must be passed through BOTH of the strops d rings



Inspection and Service

After each immersion the SOS Rescue Strop must be thoroughly rinsed in clean fresh water and fully air dried. Prior to being used again there must be a complete inspection by a competent person of all materials, webbing, and hardware for cuts, abrasions, cracks, deterioration, and excess wear. The competent person is obliged to report any defects found during the examination, the strop **must** then be withdrawn from service and quarantined. It may then be returned to the manufacturer for servicing or replacement. The maximum lifespan of the strop is three years.

Technical Specification		
	Standard SOS-5184	Large SOS-5185
Length - flat	2050mm	2050mm
Width - flat	140mm	140mm
Weight	1.4kg	1.5kg
Colour	Neon orange with neon yellow webbing	Neon orange with neon orange webbing
Manufacture	AS/NZS 1891.1:1995. NASPO/2006/1017298/1	
D - rings	Matt finish stainless steel. Meets or exceeds 15kN breaking strength AS/NZS 1891.1:1995. Amendment No.4 Appx.E	
Adjuster	A4019. 44mm x 1.5 Polyester with abrasion resistant lining. Meets or exceeds 5kN breaking strength AS/NZS 1891.1:1995. Sect.3.3.3.	
Webbing	A4019. 44mm x 1.5 Polyester with abrasion resistant lining. Meets or exceeds 15kN breaking strength AS/NZS 1891.1:1995. Sect.4.2.2.	
(resistance to light)	(Retains min. 70%, 12kN, strength IAW AS/NZS 1891.1:1995. Sect.4.2.3.)	
Outer cover	1000 denier High-Tenacity, air textured filament nylon with polyurethane coating	
Sewing thread	Serafil 10, continuous filament, high-tenacity, polyester, tensile strength exceeds 19000cN	

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