

SOS HELICOPTER STROP

SKU - 40020101

NATO APPROVED HELICOPTER STROP

NSN- 1670—66—154—8581

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 The competent person is obliged to report any defects found during the examination, the strop **must** then be withdrawn from service and quarantined.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 from date of issue by I C Brindle & Co Ltd, which date may be later than the date of manufacture shown on the product.



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Technical Specification

| | Standard SOS-5184 | Large SOS-5185 |
|--------------------------------------|--|--------------------------------------|
| Length - flat | 2050mm | 2350mm |
| 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 (resistance to light) | 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. (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 | |