Product Record

This documentation should be issued with, and kept for, each item or system. Please see the product label for the details required below. Consult this guide for advice on inspection, maintenance, lifespan, etc.

CE 0598

Owner / User's Name:			
Date of Manufacture:		Date of Purchase:	
Date of Frist Use:		Product Serial No.:	

Inspection & Maintenance Record

Date & Time	Type of Inspection & Comments	Name & Signature of Inspector	Next Inspection Due

Declaration of Conformity

The EU Declaration of conformity is available by scanning the QR code or visiting www.sar-products.com/eu-doc/

Certificate of Conformity

We certify that SAR Rope & Cord Lanyards and Loops conform to EN354:2010, EN566:2017, EN795-B:2012 (1 person) (as applicable).

Other components used with this product must conform to the relevant EN standard where applicable.

Signature ..... For SAR Products Ltd.

User Guide: Rope & Cord Lanyards & Loops

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Conforms to:
EN354:2010, EN566:2017, EN795-B:2012 (1 person) (as applicable).

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Important
Please read and understand these instructions before use. This product should only be used by trained & competent operatives, or under the supervision of such a person.

Use
SAR Rope & Cord Lanyards and Loops are available in up to 4 different configurations- Single, Y Shaped, Cowstail & Loop.
They are available in the following rope or cord (list details the name, core material and sheath material - configuration subject to type) :

- 6mm Force - HMPE, Polyester
- 6mm Aramid 6 - Aramid, Polyester
- 6mm Ocean Vectran - Vectran, Polyester/Aramid
- 8mm Sirius - Polyester, Polyester
- 8mm Admiral 5000 - Dyneema, Polyester
- 8mm Resc Tech - UHMWPE/Polypropylene, Technora/Polyester
- 8mm Tec Reep - UHMWPE, Technora/Dyneema/XLF
- 8mm Ocean Polyester - Polyester, Polyester/Aramid
- 8mm Tactical Access - Dyneema, Polyester/Technora
- 9mm Patron - Polyamide, Polyamide
- 10mm Patron - Polyamide, Polyamide
- 10.4mm Dynaflex - Polyamide, Polyamide
- 10.5mm Patron - Polyamide, Polyamide
- 10.5mm SPT - Polyamide, Polyamide
- 11mm Standard Low Stretch - Polyamide, Polyamide
- 11mm Rescue & Access - Polyamide, Polyamide
- 11mm HVR - Polyamide, Polyester
- 11mm Rescue Assault - Polyamide, Aramid/Polyamide
- 11mm Protec 500 - Polyamide, Technora/Polyester
- 11.3mm Dynaflex - Polyamide, Polyamide
- 12mm Patron - Polyamide, Polyamide

It is the user's responsibility to ensure that any items of PPE or other equipment used with the Rope & Cord Lanyards and Loops are compatible and do not interfere with the safe function of any other component. Any item of equipment used must comply to the relevant standard(s).

The SAR Rope & Cord Lanyards and Loops MUST NOT BE USED FOR FALL ARREST without the addition of an energy absorption component (less than 6kN). If it is used for fall arrest with an energy absorber, the total length including terminations and connectors must not exceed 2.0m. They are for personal fall protection, not lifting equipment.

Users should be trained & competent, or under the supervision of such a person.

Note: The information in this guide meets the requirements of the EU PPE Regulation 2016/425 . It is not comprehensive and cannot be substituted for the correct training, which can be provided if required. If in any doubt, contact SAR Products using the supplied information.

Safety
The safety provided by the Rope & Cord Lanyards and Loops is dependant on the scenario, the anchors used and the competence of the user. The strength and suitability will be reduced through factors such as, but not limited to, age, wear & tear, abrasion, cuts, high impact loads, tight/sharp edges, knots, some chemicals (e.g. strong alkalis), UV exposure, environment (damp or icy conditions), failure to store & maintain as recommended, etc.
A rescue plan should always be in place prior to any work at height. Do not alter or repair the product in any way. Any component subjected to a dynamic loading should be examined and discarded if there is any sign of defect, or any doubts about its safety.

Lifespan
The lifespan of any product will be affected by the conditions in which it is used and stored/ maintained.
Rope & Cord Lanyards and Loops have a theoretically possible maximum lifespan of 12 years from date of manufacture (up to 2 years shelf life), with a maximum in service lifespan of 10 years (starting from when they are first removed from the undamaged packaging).
Metal components will have an indefinite lifespan, depending on use.
The working life will be reduced through general wear and tear, abrasion, cuts, damage to component parts, inappropriate ancillary equipment, high impact load, prolonged exposure to UV light including sunlight, elevated temperature (generally 50° C max, although higher for specialist products), exposure to some chemicals (e.g. strong alkalis) or failure to store and maintain as recommended. This list is not exhaustive.

Inspection
Before each use, conduct a visual inspection and function test to ensure the product is in serviceable condition and operates correctly. A thorough examination should be carried out at by a competent person least every 12 months. These inspections should be recorded, paying particular attention to areas of potentially high wear such as attachment points, textiles, cams, bearings, etc.
Textiles: Check for cuts, tears & abrasions, damage due to deterioration, contact with heat, acids/alkalis or other corrosives, label legibility.
Stitching: Check for broken, cut, loose or worn threads.
Metals: Check for cracks, distortion, corrosion, wear by abrasion, burrs, worn or loose rivets or screws, discolouration caused by extreme heat (greater than 100° C) broken springs, seizure of moving parts, broken or missing components, marking legibility.
Immediately withdraw from service any items showing defects. Any repairs must be carried out by the manufacturer or their authorised agent.

Anchorage
Anchor points should always be assessed for strength and suitability for the task (EN795, minimum 12kN). Sharp edges, abrasive or high temperature surfaces should be avoided or protected against. Anchor points, wherever possible, should be above the user. Slack should be minimised near a fall hazard.

Cleaning
Rinse in clean cold water. If still soiled, wash in clean warm water (max. 30°C) with pure soap or a mild detergent (within pH range of 6 to 8). A machine wash may be used, but care must be taken to protect against mechanical damage, for example by placing the item in a bag prior to washing. Rinse thoroughly in clean cold water.

Maintenance
Always keep the product clean and dry. Any excess moisture should be removed with a clean cloth and then allowed to dry naturally in a warm room away from direct heat. Metal parts may be lubricated with a dry PTFE lubricant or WD40 type spray. Excess lubricant should be wiped off to avoid attracting dirt and must not contact any textile component.

Chemicals
Avoid contact with any chemicals which could affect the performance of the product. If contact occurs, or is suspected, then remove the product from service immediately. If used in a marine environment, thoroughly rinse in clean cold water and dry after each use.

Storage
After cleaning, store unpacked in a cool, dry, dark place away from excessive heat sources or other possible causes of damage. Do not store wet. Transport in a suitable protective bag. If a long shelf life is required it is advisable to store in a moisture proof package.

Warning
Work at Height and Rescue are hazardous activities. It is the user's responsibility to ensure understanding of the correct and safe use of this equipment, to use it only for the purposes for which it is designed and to practise all proper safety procedures.
The time that a casualty is suspended should be kept to a minimum. Attention should be paid to the dangers suspension trauma.
The user shall ensure that the safe function of this product is not impaired by, and does not impair, the safe function of another component or system. Rope & Cord Lanyards and Loops may be choke hitched at the discretion of the user. Putting knots in the Rope & Cord Lanyards may reduce the strength.

Markings
Each individual component is marked, where applicable, with:
- The name, trademark or any other means of identification provided by the manufacturer or supplier.
- Serial number
- The date of manufacture (DoM)
- Product description
- Strength rating
- The EN standard(s) to which the item conforms
- Rope or cord diameter
- CE mark & notified body number

Strengths quoted are when the product is tested new and are in accordance with the manufacturer's test methods to the appropriate standard. Any weights and measurements are within the standard's specified tolerances.

It is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which the product is to be used.

Nothing in this document affects the consumer's statutory rights.

Notified body
SGS FIMKO OY, Takomotie 8, FI-00380 Helsinki, Finland. Notified Body No: 0598