

EU Declaration of Conformity No. SAR/H001



Specialist Access & Rescue
Products Ltd.

This declaration of conformity is issued by Specialist Access & Rescue Products Ltd.
Of Sarena House, Vulcan Street, Oldham, OL1 4LQ

We hereby declare that:

Equipment: Merlin Full Body Harnesses
Models: Merlin Full Body Range

is in conformity with PPE EU Regulations 2016/425, as well as the applicable requirements of
the following standards (where applicable)

Ref No.

EN361:2002
EN358:1999
EN813:2008

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

Performed the EU type examination and issued the EC type examination certificate number:

GB10/81041 & GB11/83718

The PPE is subject to the conformity assessment procedure. Conformity to type Based on Quality Assurance of the Production Process Module D. Under the surveillance of the above Notified Body.

Signed by:

Name: Lee Allport
Position: Operations Director
Done At: SAR Products - Sarena House, Vulcan Street, Oldham, OL1 4LQ
On: 17/10/18

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.

Owner / User's Name:			
Date of Manufacture:		Date of Purchase:	
Date of First Used:		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 the Merlin Full Body Harness conforms to EN361:2002, EN813:2008 & EN358:1999.
Other components used with this product must conform to the relevant EN standards.

Signature:  For SAR Products Ltd

Specialist Access & Rescue Products Ltd.
Sarena House, Vulcan Street, Oldham, OL1 4LQ
+44 (0)161 621 0309 | sales@sar-products.com | www.sar-products.com



Specialist Access & Rescue Products Ltd.

User Guide

Merlin Full Body Harness



Conforms to:

EN361:2002, EN813:2008 & EN358:1999

CE0598

Serial No.:

sar-products.com
+44 (0) 161 621 0309
sales@sar-products.com

Merlin Full Body Harnesses

Conforms to EN 361:2002, EN813:2008 & EN358:1999.

Important: Please read, study and understand these instructions before use. The materials used in this product are high spec polyesters

Use

This harness has been designed for your protection and therefore is (PPE) personal protective equipment. It is a Full body harness for industrial climbing, and rescue (in normal climatic conditions). It is suitable for many other applications but please check with the manufacturer first. Use only as instructed and with compatible items of equipment. These should conform to the relevant European standards or those your country follows. Check that the safe function of any one component within a system will not interfere with the safe function of another. Twists in the webbing and buckles fastened incorrectly can cause problems, weakness, serious injury or death. Neatness is strength. Users should be trained, competent or under the supervision of such a person.

Note: The information in this guide meets the requirements of the PPE EU Regulations 2016/425. It is not comprehensive and cannot be substituted for the correct training, which can be provided if required. If in any doubt please don't hesitate to contact us.

Safety

The safety provided by this harness depends on its strength and skill of the user. The strength will be reduced through age, wear and tear, abrasion, cuts, high impact loads, tight/sharp edges, knots, some chemicals (e.g. alkalis, etc.), UV or failure to store and maintain as recommended. This list is not exhaustive. The SAR harnesses have a higher strength rating than that required for a normal sports climbing harness and this will help against the above, however, there are exceptions, which include chemical attack, very high temperatures and incorrect use. Do not alter the product in any way. Any harness subjected to a minor fall should be examined and discarded if there is any sign of defect or any doubts about its safety.

Lifespan

This is difficult to estimate but we advise as follows: Do not use more than ten years after the date of manufacture. Assuming you use it as designed and have the correct storage, the working life can vary between a single use in extreme circumstances (e.g. highly chemical environment, serious fall) to the maximum, depending on how the product is used. The working life will be reduced through age, 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 (50°C max.), exposure to some chemicals (e.g. alkalis, etc.) or failure to store and maintain as recommended. This list is not exhaustive.

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. If a long shelf life is required it is advisable to store in a moisture proof package (e.g. polythene bag).

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.

Warning

Climbing is hazardous. It is the user's or instructors 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.

Cleaning

Rinse in clean cold water. If still soiled wash in clean warm water (max. 40°C) with pure soap or a mild detergent (within pH range of 5.5 to 8.5).

You can use a washing machine but first place the product in a suitable bag to protect against mechanical damage. Rinse properly in clean cold water.

Chemicals

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

Inspection

Before each use visually inspect to ensure the product is in a serviceable condition and operates correctly. An examination should be carried out at least every 6 months by a competent person authorised by the manufacturer. These inspections should be recorded paying particular attention to areas of potentially high wear such as attachment points, buckles, connectors and sewn joints.

Inspect as follows:

Textiles: Check for cuts, tears, and abrasions, damage due to deterioration, contact with heat, alkalis or other corrosives.

Sewing: Check for broken, cut 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, frays or cuts, seizure of moving parts, broken or missing components.

Immediately withdraw from service any items showing defects. The user's life depends on it. All repair work should be carried out by the manufacturer or with their authorisation.

Meanings of Markings

- The name, trademark or any other means of identification provided by the manufacturer or supplier.
- The batch or serial number
- The year of manufacture
- CE: EC logo followed by the number of the notified body
- EN: European standard attributed to this PPE
- Product description and/or reference
- Evaluation of capacity in kN

Strengths quoted are when the product is tested new and are in accordance with the manufacturer's test methods or to the appropriate standard. Any weights and measurements are approximate. Note Strength:

All Dee Connections = 25kN

Belay loop on all Merlin 4&6's = 30kN

Notified body

SGS FIMKO OY, Takomotie 8, FI-00380 Helsinki, Finland.

Notified Body No: 0598

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

Note

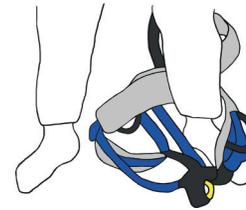
The Dorsal and Sternum Dee's each show a letter A designating EN361:2002 for Fall arrest. The Side Dee's and Rear waist Dee are for Work Positioning only, EN358:2000. The Front Waist connection is for Work Positioning and used singularly EN813:2008. The Merlin 4, 6, 4QC & 6QC have two front waist connections that can be used independent of each other, EN813. or together as a Work Positioning system + pole strap EN358. Suggested Chest Croll assembly.

Important

On any harness there is a possibility of suspension trauma, if the user is in a state of immobility due to consciousness or injury. The front waist connection on this harness will put the user in a sit position when conscious and the front Sternal whilst unconscious and will help to reduce this state. The back dorsal on this and any other harness will increase the possibility of suspension trauma and should only be used for restraint.

Fitting

1. Step into the harness or wrap around waist



2. Raise harness up to your waist



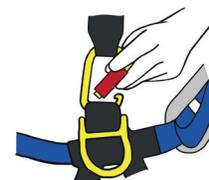
3. Tighten waist strap using both sides to centralise the sternum strap



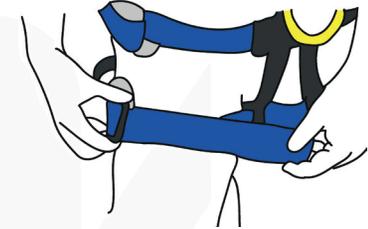
4. Pull back strap over head



5. Connect karabiner directly into the webbing which secures the bottom Dee link



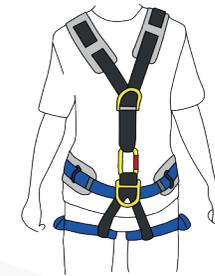
6. Tighten leg loops



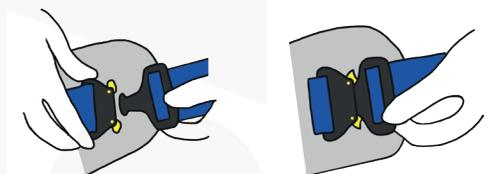
7. Adjust the harness to achieve a comfortable tension making sure that the back strap and sternum straps are central.



8. Fold back and tidy all tail end webbing into the relevant elastic 'tidy'



9. For Quick Clip buckle clip buckles on the legs fasten as shown



10. For 2 bar 3 bar buckles fasten as shown and thread back the webbing through the elastic webbing



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We certify that the Merlin Tech Full Body Harness conforms to EN361:2002, EN813:2008 & EN358:1999.

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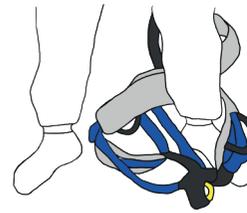
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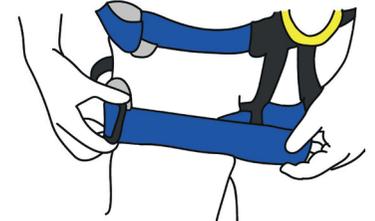
4. Pull back strap over head



5. Connect the Croll to the harness using the maillon.



6. Tighten leg loops



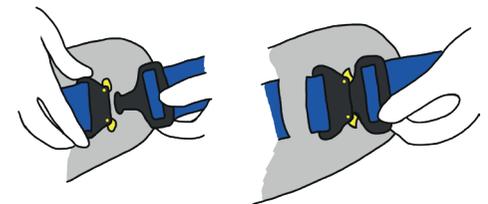
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