

## EU Declaration of Conformity No. SAR/H009



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 Chest Harness  
Models: H0071

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

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:

GB08/73910

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/](http://www.sar-products.com/eu-doc/)



## Certificate Of Conformity

We certify that the SAR Merlin Chest and SAR Link Sling when used in combination with a SAR Sit Harness conform to EN361 full body harness.

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](mailto:sales@sar-products.com) | [www.sar-products.com](http://www.sar-products.com)



Specialist Access & Rescue  
Products Ltd.

# User Guide Merlin Chest Harness



## Conforms to:

EN361:2002

# CE0598

[sar-products.com](http://sar-products.com)  
+44 (0) 161 621 0309  
[sales@sar-products.com](mailto:sales@sar-products.com)

## Merlin Chest Harness

Conform to EN361 when used with a SAR Ling Sling and a SAR sit harnesses.

### Important:

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

### Use:

This harness and sling have been designed for your protection and therefore are (PPE) personal protective equipment. The Chest harness and sling are used for climbing, mountaineering, rescue, intervention and technical access (in normal climatic conditions). They are 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 is in conformity with 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 these harnesses depends on their 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 a sports climbing harness and will help against the above however, there are exceptions, which include chemical attack or very high temperatures. 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 have used 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 of ten years, 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.

### Inspection:

Before each use visually inspect to ensure the product is in 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, discoloration 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

### Anchorage:

Anchor points should always be strong enough to hold the user particularly in the event of a fall. They should be at least 15kN. A webbing lanyard or rope should be effectively sleeved to protect against damage if structural members with sharp edges cannot be avoided as anchorage points.

**Anchor points, wherever possible, should be above the user to limit any fall to less than the length of the safety line or lanyard.**

### 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.

### 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.

### 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).

### Warning:

Climbing or Working at height is hazardous. 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.

### 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.

### 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.

### Fitting:

1. Fit to chest with cross of straps at the back. Fig. 1
2. Adjust shoulder straps to fit keeping front loops 50mm apart. Fig 2
3. Fit karabiner into front loops for use of chest for rest. Fig 3
4. Fit SAR Link sling through front loops and connect to sit harness connection point via a karabiner or maillon to form a full body harness. Fig.4
5. The loop arrowed as 'A' in fig 4 is the correct connection point for use as a full body harness conforming to EN361.

Fig 1.



Fig 2.



Fig 3.



Fig 4.

