

**SpanSet<sup>®</sup>**



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**SP140 LANYARD  
INSTRUCTIONS**

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**SpanSet  
Certified  
Safety**

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# SP140 LANYARD

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## Specification

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Notified body controlling the manufacture of this PPE

**BSI KITEMARK COURT, DAVY AVENUE, KNOWHILL,  
MILTON KEYNES, UK**

**NOTIFIED BODY NUMBER : 0086**

Notified body for the EC type examination of this PPE

**SATRA TECHNOLOGY CENTRE, WYNDHAM WAY,  
KETTERING, NORTHANTS, N16 8SD, UNITED KINGDOM**

**NOTIFIED BODY NUMBER: 0321**

It is essential that this product is sold to the end user with the instructions in the correct language of the country in which the product is to be used. This harness is for use in a fall arrest system that has had a thorough risk-assessment including an analysis of the clearance height necessary below the user to ensure safety.

### **WARNING**

Use of this equipment is inherently dangerous, and prior to use you must:

- Read the User Instruction Manual
- Be trained in the correct use of the product
- Familiarise yourself with the products operation & limitations
- Fully understand the risk involved in using the product
- Be physically and medically capable of operating the product safely and fully understanding its function

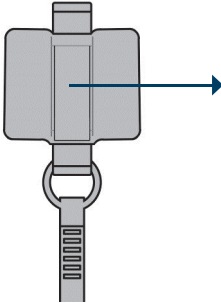
All work at height activities are inherently dangerous; your personal safety is your responsibility. Rescue provision should always be in place to deal with any emergencies and must be able to be carried out with maximum efficiency and speed.

No alterations, additions or repairs should be made to this product without the written consent of SpanSet UK Ltd.

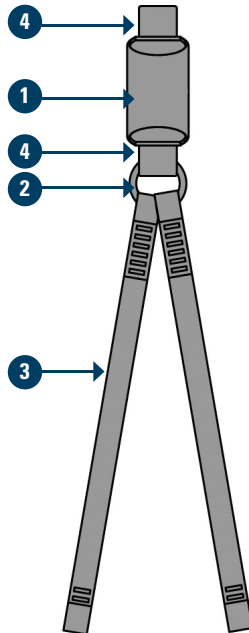
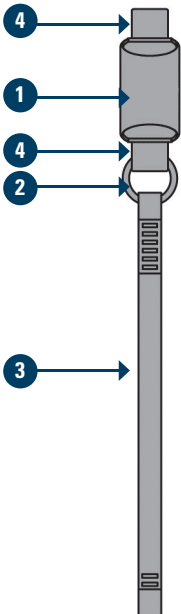
**FAILURE TO ADHERE TO THE PRODUCT USER  
INSTRUCTIONS OR USE THE PRODUCT CORRECTLY  
MAY RESULT IN SERIOUS INJURY OR DEATH.**

# SP140 LANYARD

Product Labelling  
Parts Identification



1. Product Model Name
2. Date Of Manufacture
3. Product Individual Number
4. Relevant Product Standard
5. Requirement To Read User Instructions
6. Notified Body Controlling The Manufacture Of The Product



1. Tear Webbing Protective Cover
  - a. Tear Webbing
  - b. Tear Webbing Retainer
  - c. Product Label
2. High Strength Ring
3. Integrated Lanyard (Single / Twin)
4. Wear Protection Web Sleeve

## PRINCIPLE MATERIAL(S)

Polyester, Nylon And Carbon Steel

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# SP140 LANYARD

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## General Information

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### OPERATING TEMPERATURE

-35°C to +75°C



### STORAGE OF PRODUCT

Cool well ventilated area

Do not store under heavy items

Do not expose to UV

Prevent contact with sharp objects that may damage the fibres of the webbing



### CLEANING & DRYING OF PRODUCT

Wash in a container of 30°C water with mild detergent

Do not machine wash or pressure wash

Dry in a well ventilated area allowing the product to drip dry (maximum +30°C)

Do not expose to sources of heat or UV



### CONTAMINATION

Do not allow contact with harmful substances such as acids, alkalis, fuel, paints, solvents.



### MODIFICATIONS

No alterations, additions or repairs should be made to this product without the written consent of SpanSet UK Ltd.



### TRANSPORTATION

During transportation, the product must be stored away from direct sunlight and in such a manner as to avoid contamination with chemicals, dirt ingress and mechanical damage. It is strongly recommended that the product is transported in the protective bag supplied with the product or other suitable means.

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# SP140 LANYARD

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## Product Application

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The SP140 fall arrest lanyard range is designed to be used as part of a personal fall arrest system, typically used to connect between a User safety harness (EN361) to a fixed anchor (EN795). The energy absorber ensures that the deceleration force exerted on the user during a fall arrest event is less than 6kN. The product must not be overloaded or used outside its field of application; personal protection for work at height in accordance with 89/686/CEE PPE directive. All Users must be trained in work at height activities to a level of competency or must work under direct visual control of a competent person prior to use of the product. Use of the product is at the Users own risk and the User assumes responsible for any damages, injuries or death resulting from incorrect use of the product in any manner whatsoever. If there is any doubt about the correct use and application of this product do not use it and seek advice from a competent person or from SpanSet UK Ltd.

### PRODUCT COMPATIBILITY

Always ensure, via specific training or advice from a competent person, that the intended application of PPE is compatible with the products used. It cannot be assumed that all combinations of PPE will interact in a safe manner.

Pay particular attention to verify connectors are positioned and closed in such a manner that any loading of the safety system does not incorrectly load the connector or has the potential to operate the connector gate mechanism accidentally. Always ensure the connectors are orientated to load in the primary axis.

All PPE connected into a safety system must conform to the appropriate EN standards.

### PRODUCT USERS

All Users of this product must be in a fit medical condition to undertake work at height activities. Prolonged suspension in a harness following a fall arrest event can result in serious medical conditions or death, therefore ensure there is adequate provision for rescue and that all relevant rescue equipment and personnel are available to carry out emergency actions. Personnel **MUST** be trained and familiar with the relevant rescue equipment.

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# SP140 LANYARD

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## Product Application

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### PRE-USE CHECKS

Before each use check the function and condition of the product by operation of any moving parts and inspection of the product elements with particular attention to:

1. Webbing—check for signs of wear, cuts, abrasion and damage due to excessive heat or chemical contamination.
2. Hardware—check for signs of wear, cracks and distortion. If the hardware has moving parts (i.e. EN362 connectors), ensure that they are free to move and operate correctly.
3. Tear webbing—open the shock pack cover to reveal the tear webbing and verify that there is no evidence of tearing of the energy absorber webbing.
4. Product label—ensure that the product label is clear and legible and within its indicated lifespan.
5. Safety Stitching—all contrasting colour stitching on the product should be considered as safety stitching. Check for signs of fraying, broken stitches, abrasion and contamination.

\* EN362 CONNECTORS NOT SHOWN

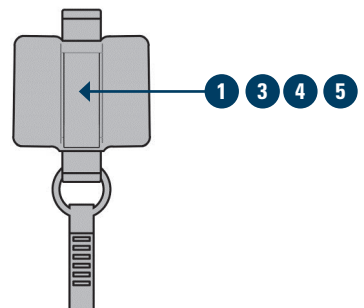
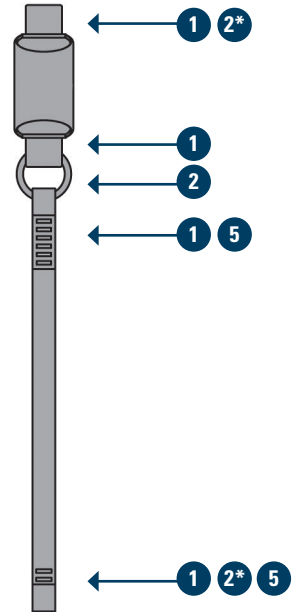
### DURING USE CHECKS

It is important to remember to regularly monitor the condition and positioning of all products used in a PPE safety system. Check and monitor connections between equipment to ensure that product orientation and position is correct in respect to the individual elements' user instructions.

**RETIRE THE PRODUCT IF THERE ARE ANY SIGNS OF DAMAGE, WEAR OR REDUCTION IN STRENGTH.**

**IF IN DOUBT—SEEK THE ADVICE OF A COMPETENT PPE INSPECTOR OR CONTACT SPANSET.**

**THE PRODUCT MUST BE RETIRED FROM USE IF IT HAS BEEN SUBJECTED TO ANY SIGNIFICANT FORCE, OR FALL ARREST EVENT. THE PRODUCT MUST BE DESTROYED TO PREVENT FURTHER USE.**



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# SP140 LANYARD

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Product Use

Product Lifespan

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The SP140 fall arrest lanyard range is designed to connect to the User full body harness at the sternal or dorsal fall arrest attachment point. Always ensure that the connection between the harness and the lanyard is successful with the connector gate fully closed before commencing any work at height activities.

It is strongly recommended that a full body harness is adjusted to fit snugly to the User to reduce injuries in a fall arrest event.

At all times avoid contact with objects which have the potential to damage the product.

## ANCHORAGES

All anchor points must satisfy the requirements of EN795. Whenever possible, select anchor points which limit the height of any potential fall i.e. above the User's head height.

Select locations of attachment which will not allow the PPE to contact aggressive or abrasive surfaces.

## CLEARANCE HEIGHTS & FREE SPACE

In a fall arrest event the free space below the User is critical to the correct operation of the equipment and safety of the User. The free space must be sufficient to allow the fall arrest event to occur without the potential for collision with structures or obstacles. Consideration must also be given to the proximity of the User in relation to the anchorage to minimise the potential for a swing fall arrest where vertical clearance may be adequate but horizontal clearance may not.

Clearance height considerations

- Height of anchorage above working level
- Arresting distance of energy absorber
- Height & weight of the User
- Availability of free fall space

**NOTE: OTHER FACTORS MUST ALSO BE CONSIDERED WHICH ARE SPECIFIC TO PRODUCT TYPES (I.E. HARNESS STRETCH/SLIPPAGE UNDER FALL ARREST LOAD).**

## PRODUCT LIFESPAN

It is mandatory by European Law that all PPE must be supplied with comprehensive User Instructions which detail the lifespan of the product, and the inspection requirements.

The actual frequency of the periodic inspection is the responsibility of the competent person in charge of the maintenance of the product. Aggressive or arduous conditions and constant use will potentially reduce the working life of the product and so a more frequent inspection regime will be required to effectively monitor this.

SpanSet recommend that PPE for Work at Height is thoroughly examined by a competent person:

- Periodically at intervals not exceeding 6 months
- Interim inspections where required

SpanSet recommend that Pre Use inspection is carried out by the user before each and every use. Any concerns about the condition of equipment must result in the item undergoing a thorough interim inspection.

The equipment should only be used if it is found to be in a fit condition.

In addition SpanSet give this product a period of obsolescence of 10 years from date of manufacture, even if never used.

Products should be withdrawn from service if they meet any one of the following criteria:

- 1) Failure of a thorough examination
- 2) Subjected to or Used to arrest a fall
- 3) Manufacturers period of obsolescence (shelflife) has been reached

Compatibility and use of PPE is the responsibility of the user.

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# 01 Height Safety

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## SP140 LANYARD

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(EN 355:2002)