



TAILORED FOR COMPLEX TERRAIN

Adventure Lanyard

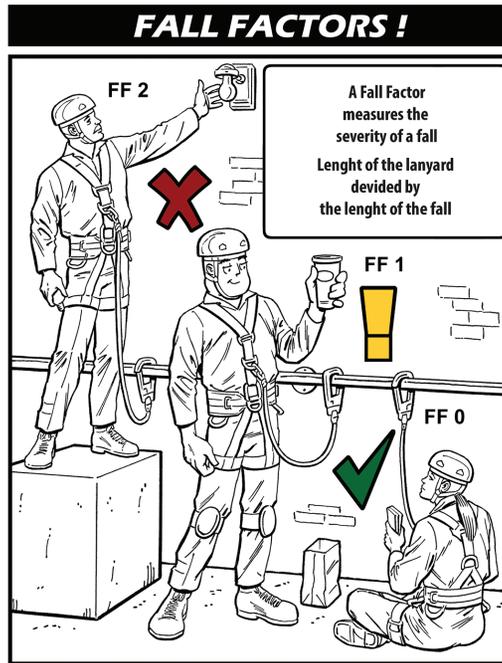


Figure 1 - Fall Factors



Figure 2 - Work Positioning



Figure 3 - Work Restraint



Figure 4 - Do not tie in on an accessory loop.

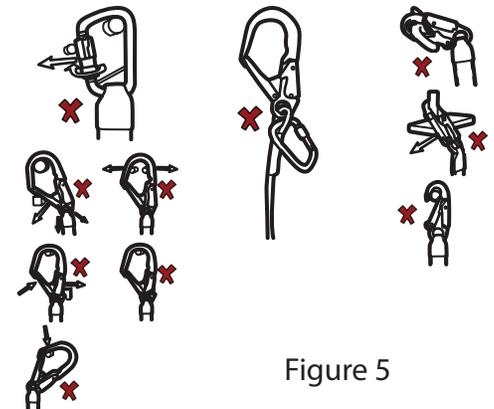


Figure 5

Adventure Lanyard

MBS: 15 kN - WLL: one person - 150kg

EN



Personal protective equipment against falls from a height.
General requirements for instructions for use, maintenance, periodic examination, repair, marking and packaging as per EN 365:2004

Thank you for choosing the Eyolf Lanyard from the Adventure Series of products.

The lanyards were developed for Adventure Parks where tie-in points are high and easy to reach.

We trust this product will suit your needs; if it doesn't, or if you have suggestions, please let us know!

Eyolf Inc.

Warning

Working at height and all forms of activity conducted at height are dangerous and can lead to serious injury or death.

For safety reasons it is vital that personnel who intend to use personal protective equipment (PPE) and other equipment to control the potential fall related risks associated with access, climbing, and working at height are aware of how to use that equipment properly. It is essential that personnel are trained, assessed as competent and are given written instructions that enable them to select, use, maintain and carry out periodic examinations on PPE or other equipment correctly. Personnel must be aware of the limitations, precautions and the dangers of misuse.

The information provided in this manual contains important information which should be understood before the item is used. The information must be provided to the customer by the retailer in the language of the country this product is sold.

It should be understood that working at height and the use of equipment to do so, involves a certain amount of physical and mental exertion. Certain medical conditions are a definite contra-indication to the safe use of the equipment and working at height.

Improper use of equipment can result in serious injury or death. It is the responsibility of the user to obtain proper training and be competent towards the use and safety prior to any activity at height and use of this product.

A risk evaluation and a quick response rescue plan should be in place prior to any activities at height. For instance that, if the risk assessment carried out before the start of work shows that loading in the case of a use over an edge is possible, appropriate precautions should be taken. Also to deal with any emergencies that could arise during the work. Relying upon a local emergency rescue team is not a rescue plan and could get you in severe trouble as they might not be capable or take too long to perform a rescue.

Do not work alone!

Do not make any alternations or additions to the product. Any repair or alterations should be done by the manufacturer.

The product has been tested for specific use, do not use the product other than indicated without the consent of the manufacturer.

PPE stands for Personal Protective Equipment and in case of this product this means it should be provided to an individual user.

Strengths quoted are when the product is tested new and are in accordance with the manufacturers test methods or to the appropriate standard. Any weights and measurements are approximate.

We have done everything possible to ensure that the information provided in this manual is accurate at the time of publication. However, we do not guarantee that this information will remain up to date, as many products and techniques change over time.

When work positioning or other related activities such as rope access: never rely on a single piece of equipment always make sure you have an equal redundant back-up system.

If you have doubts or difficulty understanding anything in this manual, please contact us.

NOTE:

The Y lanyard should not be used for fall arrest!

If required a shock absorber pack should be used in conjunction for arresting a fall.

The Lanyard comes with a variety of options like our tower hook sewn in.

Each length has its own marking but can not exceed more than 2m when connected to a shock absorber (including terminations and connectors).

Although made from durable nylon webbing the impact forces can be extremely high, therefore we suggest to not pass a Fall Factor 1 but urge you to keep the Lanyard as high as possible at all times. If you need a fall arrest solution use our Shock Absorbing Lanyards.

From our connector supplier we have the following warning on the use of connectors:

The following depictions illustrate improper usage of connectors in various applications. Care must be taken to ensure that connectors are not used in configurations where the locking mechanism can be compromised or the hook body is subject to deflection or inappropriate stress. Note that these warnings apply to all connectors whether they are certified to, or meet or exceed, the requirements of CSA Z259.12-01, ANSI Z359.12 -2009 or EN 362:2004.

Connector elements or components which may fail as a result of inappropriate configurations are depicted in red.

For figure 5:

Gate Face Loading

Ensure working area is free of obstructions which could place a force load on the face of the gate keeper mechanism.

Connector Tip Loading

Configure application such that gate mechanism and hook tip are not loaded.

Accidental Lock-Lever Deactivation

Ensure working area is free of obstructions which could accidentally engage the lock lever mechanism and result in accidental disengagement

Multiple Loading

Do not subject the hook to multiple forces which could cause hook body deflection resulting in gate failure.

Deliberate Lock-Lever Deactivation

The connector locking keeper mechanism should not be disabled.

Adding a connector to the stitched loop.

Do not clip in an extra connector as the stitching won't hold!

General information about working at height:

Fall Factor

A Fall Factor is an expression of the seriousness / severity of a fall! See figure 3 - The Fall Factor is calculated based on how much distance can be fallen divided by the length of rope or lanyard used in a system, whereby a fall factor 2 is dangerous!

Always use a back-up system when relying solely on your lanyards or lifelines!

Falling - It should be clear that falling should be avoided at all times. Where Fall Arrest Systems are to be used make sure you understand the system so that the work carried out is done in a way to minimise any potential fall. Keep anchor points above the user, use only a full body harness with a Dorsal D-ring as an attachment and make sure you have a fall clearance.

It is also important to avoid any pendulum effect during a fall as a side-ward fall is unpredictable.

With our Y-Lanyard it is advised to minimise the amount of slack near a fall hazard.

When adjusting the length of a lanyard to avoid the risk of fall, the user should not move into an area where there is a fall hazard;

OUR ADVICE: DO NOT FALL!

Performance - The performance of this product may be effected by the age, wear, tear, abrasion, cuts, high impact loads, pendulum falls, tight/ sharp edges, very high or low temperatures, knots, some chemicals (e.g. alkalis, oils, cleaning products, etc.), electrical conductivity, UV or failure to store and maintain as recommended.

If the Lanyard has been through a severe fall it should not be used again until you receive a letter from a competent inspector it is good to go again. This list is not exhaustive.

Where sharp edges are present apply proper edge protector to prohibit any accidental cutting of the lanyard.

Compatibility - Make sure that each item in an assembly can be used together and work as a system. Compatibility needs to be checked prior to use. Check individual manuals for each item and see if they can be used together.

Anchoring - Any fall arrest anchorage used should be able to withstand a force of 22kN when not certified or withstand at least two times the Maximum Arrest Force.

Ideally the user should be attached to the anchor with a fall factor 1 or less. See Figure 2.

For work positioning, restraint and rescue we advise the anchor at least hold 10kN of force for every person/device attached to it. (Load sharing is an option)

When connecting to an anchor device or structure use a suitable form of connector complying with EN 362, either with a shock absorbers, complying with EN 355, a lanyard, complying with EN 354 or sling and carabiners depending on the situation you are in. Follow the standard EN 795 for anchoring. Within EN 795 there 5 classes:

Class A1 – is for fixed installation of structural anchors designed to be secured to vertical, horizontal and inclined surfaces.

Class A2 – is for fixed structural anchors secured to an inclined roof.

Class B – is about transportable temporary anchor devices.

Class C – is about anchor devices employing horizontal flexible anchor lines.

Class D – is for anchor devices employing horizontal rigid anchor rails.

Class E – is about deadweight anchors.

Any anchor must be checked and if needed tested with a pull test to verify the structural integrity of the structure.

Maintenance & Cleaning - Always keep the product clean and dry. Any excess moisture should be removed with a clean, dry cloth and then allowed to dry naturally in a warm room away from direct heat. Rinse in clean cold water. If still soiled wash in clean warm water (max. 40°C) with a soft detergent (within pH range of 5.5 to 8.5). Rinse properly in clean cold water and if needed to disinfect use a solution of water with alcohol. Do not use bleach!

Lubrication - When lubrication is needed a silicon based spray can be used. Do not excessively spray the lubricant over the buckle or gate. Wipe off any excess and protect any webbing or rope from being sprayed.

Storage - After cleaning, store unpacked in a cool, dry, and dark place away from direct sunlight, as UV will cause damage to the webbing over time, excessive heat sources, sharp edges, vibration or other possible causes of damage. Do not store when wet or in a damp area >70%. If a long shelf life is required it is advisable to store in a moisture proof package, like a polyethylene bag.

Use in extreme environment - Use of any PPE in extreme environments can be dangerous. It is important to do appropriate testing before the use of our products in environments such as extreme cold or high temperatures (working temperatures are -30 degrees up to 60 degree Celsius) chemicals, dust, sand and other foreign materials should be avoided where possible, if you have any questions contact us and we can help you determine the effects. Electrical conductivity is another serious subject that should not be taken lightly. Your harness has metal components and should not be used close to high power lines or switch gear.

When using our Fossil cowstail's in a wet condition be aware that it is known that all rope products that are wet have a less of an impact capacity then when dry. So please be even more careful using it while being wet.

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 from a ten year span to a single use in extreme circumstances (e.g. highly chemical environment, serious fall). UV light including sunlight will reduce the working life significantly.

Inspection - An examination should be carried out by a competent person. A competent person is someone who is knowledgeable of the current periodic examination requirements, recommendations and instructions issued by the manufacturer applicable to the relevant component, subsystem or system. Training might be essential and can be provided by us when needed.

An examination should be carried out before the product is put into service and at least every 12 months. It might be that a more regular inspection interval needs to be put in place due to the environment in which the product is used. These inspections are to be recorded and are to be done to ensure the continued efficiency and durability of the equipment.

Before each use visually inspect to ensure the product is in serviceable condition and operates correctly. If any compromises are found do not use the product and retire it.

When carrying out an inspection pay attention to the next items:

Check the label / marking (visible, age)

Check rope (cuts, burns, wear, chemical marks, dents, hernias, other damage)

Check stitching (cut, worn, coloured or disordered threads)

Check attachment points (deformation, cracks, wear, corrosion, marks)

Check O-ring and connectors (deformation, cracks, wear, corrosion, marks)

Check compatibility of connector

Check condition of protective components

Check working length (not more than 2m / 6ft 6 inches)

It is essential for safety that equipment is withdrawn from use immediately should:

Any doubt arise about its condition for safe use or;

Any product subjected to a major fall .

Markings and/or symbols

On our label you will find:

Product name, Product number (B40) and assembly:

060 = Length of the lanyard

H = with a tower hook meeting EN 362

DOM (date of Manufacture) in year and month

Serial # - Individual serial # or batch # [360st product]

CE mark, which stands for "Conformité Européenne" ("European Conformity").

EN 354 is the European standard to which the product is certified.

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Date : June 2015

Document: B45 - Y-lanyard

Revision: 1

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