

INTRODUCTION

NTR «thanks for your great support on our personal protective equipment, we’re glad to have you as our customer. “Never Take a Risk” is always the paramount assurance kept by our employees.

This manual is supplied to provide the user with basic instructions regarding the selection, usage, donning and maintenance of your equipment. Please read the User Manual carefully to get fully understand of the product and ensure your safety to working at height.

1. FIELD OF APPLICATION

This equipment is personal protective (PPE) used for fall protection.

Integrated fall arrest lanyard

This product must not be pushed beyond its limits, nor be used for any purpose other than that for which it is designed.

This product must only be used by competent and responsible persons, or those placed under the direct and visual control of a competent and responsible person.

You are responsible for your action, your decision and your safety and you assume the consequences of same. If you are not able, or not in a position to assume this responsibility, or if you do not fully understand the instructions for use, do not use this equipment.

2. NOMENCLATURE

1.Harness attachment connector

2.Energy absorber

3.Rope lanyard

4.Rope thimble

5.Connectors

Principal materials: polyester

3. INSPECTION

Your safety depends upon the integrity of your equipment.

NTR recommends a detailed inspection by a competent person at least once every 12 months (depending on current regulations in your country, and your conditions of usage). Warning: your intensity of use may cause you to inspect your PPE more frequently. Follow the procedures described above. Record the results on your PPE inspection form: type, model, manufacturer contact info, serial number or individual number, dates: manufacture, purchase, first use, next periodic inspection; problems, comments, inspector’s name and signature.

Before each use

Check the condition of the lanyards, the energy absorber, the attachment connectors and the lanyard terminations. Look for wear and damage due to use (cuts, fuzziness, signs of chemicals, abrasion...).

Check the condition of the safety stitching: look for any loose, worn, or cut threads, and that the connectors are correctly installed.

Verify that the energy absorber is intact (unbroken or undeployed).

During use

It is important to regularly monitor the condition of the product and its connections to the other equipment in the system. Make sure that all items of equipment are correctly positioned with respect to each other.

4. Compatibility

Verify that this product is compatible with the other elements of the system in your application (compatible = good functional interaction). Equipment used with your lanyard must meet current standards in your country (e.g. EN 361 harnesses).

5. Precautions for use

Warning: the lanyards must be only used as integrity, any personal modifications may affect the function and cause potential injury or death.

Warning: attaching a lanyard end to the harness prevents absorber deployment in the event of a fall (except when attached to specific

lanyard stowage points available on certain harnesses, e.g. NFPHBK01).

Anchor selection:

Beware of anchors that can increase the length of a fall (vertical or oblique anchors, flexible textile anchors...).

The anchor point for the system should preferably be located above the user’s position and should meet the requirements of the EN 795 standard (minimum strength of 12 kN).

6. Clearance

Clearance is the minimum amount of clear space below the user that prevents the user from hitting an obstacle in the event of a fall.

The values presented are based on theoretical estimations and fall tests using a rigid mass.

7. Additional information

This product meets the requirements of Regulation (EU) 2016/425 on personal protective equipment. The EU declaration of conformity is available at ntrsafety.com.

- You must have a rescue plan and the means to rapidly implement it in case of difficulties encountered while using this equipment.

- Select the anchor and use the lanyard in such a way as to minimize slack.

- In a fall arrest system, it is essential to check the required clearance below the user before each use, in order to avoid hitting the ground or an obstacle in the event of a fall.

- Make sure that the anchor point is correctly positioned, in order to limit the risk and the length of a fall.

- A fall arrest harness is the only device allowable for supporting the body in a fall arrest system.

- When using multiple items of equipment, a dangerous situation can arise in which the safety function of an item of equipment can be affected by the safety function of another item of equipment.

- WARNING: ensure that your products do not rub against abrasive surfaces or sharp edges, or take appropriate precautions.

- A knot in the arm of a lanyard reduces its strength.

- Users must be medically fit for activities at height. WARNING: inert suspension in a harness can result in serious injury or death.

- The Instructions for Use for each item of equipment used in conjunction with this product must be followed.

- The Instructions for Use must be provided to the user of this equipment, in the language of the country where the equipment is used.

- Make sure the markings on the product are legible.

Fall on an edge:

If there is a risk of a fall on a sharp and/or burred edge:

- take preventative actions that eliminate any risk of falling over an edge, or

- install edge protection

WARNING: in case of a fall, there is a risk of injury from hitting an obstacle situated below the work area, but also to the sides in case of a pendulum.

Special rescue measures must be put into place if there is a risk of a fall on an edge.

When to retire your equipment:

WARNING: an exceptional event can lead you to retire a product after only one use, depending on the type and intensity of usage and the environment of usage (harsh environments, marine environments, sharp edges, extreme temperatures, chemicals...).

A product must be retired when:

- It is over 10 years old and made of plastic or textiles.

- It has been subjected to a major fall or load.

- It fails to pass inspection. You have any doubt as to its reliability.

- You do not know its full usage history.

- When it becomes obsolete due to changes in legislation, standards,

technique or incompatibility with other equipment...

Destroy these products to prevent further use.

Icons:

A. Lifetime: 10 years - B. Marking - C. Acceptable temperatures - D. Usage precautions

- E. Cleaning/disinfection - F. Drying - G. Storage/transport - H. Maintenance - I.

Modifications/repairs (prohibited outside of Petzl facilities, except replacement parts):-

Questions/contact

3-Year warranty

Against any material or manufacturing defect. Exclusions: abnormal wear and tear, oxidation, modifications or alterations, incorrect storage, poor maintenance, negligence, uses for which this product is not designed.

Warning symbols (to be revised)

- 1. Situation presenting an imminent risk of serious injury or death.
- 2. Exposure to a potential risk of accident or injury.
- 3. Important information on the functioning or performance of your product.
- 4. Equipment incompatibility.

Traceability and markings (to be revised)

- a. Meets PPE regulatory requirements. Notified body performing the EU type examination
- b. Number of the notified body responsible for the production control of this PPE
- c. Traceability: datamatrix
- d. Sizing
- e. Serial number
- f. Year of manufacture
- g. Month of manufacture
- h. Batch number
- i. Individual identifier

j. Standards

k. Read the Instructions for Use carefully

l. Model identification

m. Manufacturer address

APPENDIX 1

Product:		Model:	Serial number:
Manufacturing date:		User:	Document No.:
Component	Condition of fault to be checked		Y/N
Webbings, ropes& textile attachment points	Cuts, tears, fraying, twist or abrasion damage		
	Burns, melt, corrosion or mold		
	Excessive stretching, stiff		
	Excessive textile aging		
Connectors	Nick, crack, broken, deformation, excessive abrasion or sharp edge		
	Corrosion or oxidation		
	Lost or incorrect connected		
	Defective return spring of gate, defective locking system, defective swivel bearing or other functional component		
Metal attachment points	Nick, crack, broken, deformation, excessive abrasion or sharp edge		
	Corrosion or oxidation		
	Lost, incorrect attached or positioned		
Buckles & Adjusters	Nick, crack, broken, deformation, excessive abrasion or sharp edge		
	Corrosion or oxidation		
	Lost, incorrect attached or positioned		
	Defective operation		
Sewing	Cuts, tears, loose, fraying or abrasion damage		
	Burns, melt, corrosion or mold		
	Incorrect stitched or unstitched		
Comfort components	Lost, incorrect attached or positioned		
	Obvious damage		
Marking	Illegible, damage or lost		