

BLACK KING INSTRUCTIONS

Full-body harness for fall arrest and work positioning

⚠ WARNING

Activities involving the use of this equipment are inherently dangerous.

You are responsible for your own actions and decisions.

Before using this equipment, you must:

- Read and understand all Instructions for Use.
- Get Specific training in its proper use.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.



FAILURE TO HEED ANY OF THESE WARNINGS
MAY RESULT IN SEVERE INJURY OR DEATH.



BK01

EN 361:2002



BK02

EN 361:2002
EN 358:2018



BK03

EN 361:2002
EN 358:2018



BK04

EN 361:2002
EN 358:2018
EN 1497:2007

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TRACEABILITY AND MARKINGS

c. CE **d. 0082**
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Z.A.C Saumaty-Séon – CS60193
13322 Marseille CEDEX 16
N°0082

a.

b. Carefully read the instruction for use
DO NOT REMOVE LABELS

User: _____
Tail: _____

cd.

e.

f.

g.

h.

i.

h.

i.

4

DESIGNED AND MANUFACTURED IN NTR (CHINA).
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www.ntrbelts.cn
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No. 18, Shengde Workshop area, Yongqianhu Town,
Guangdong Province, China

NTR

Product type: Full body harness
Model: BK04
Size: Universal size
Weight: 10.0kg
Weight belt range: 64-177cm
Maximum rated load for EN1497:2007: 100kg
Batch N.: 0YYMMDDXX
Manufacture date: YYYYMMDD
Retire before: YYYYMMDD

5

q.

j.

INSPECTION
User must inspect harness prior to each use. A competent person must complete a professional and formal inspection and initial below at least once every 6 months. If equipment fails inspection, remove from service.

DATE	INSPECTOR	PIF

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DATE	INSPECTOR	PIF

k. Batch Number:
O YYYY MM DD XX

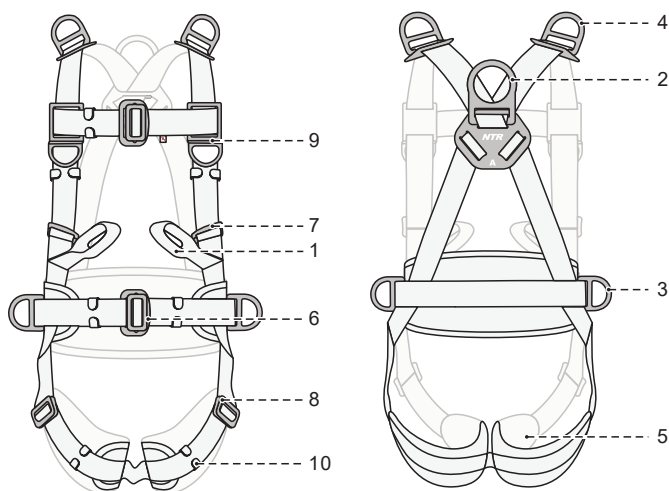
l. _____
m. _____
n. _____
o. _____
p. _____

WARNING SYMBOLS



1 FIELD OF APPLICATION (TEXT PART)

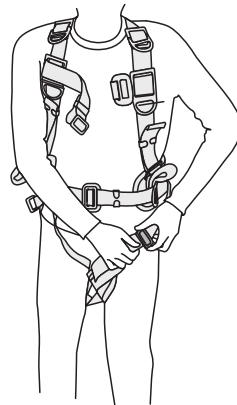
2 NOMENCLATURE



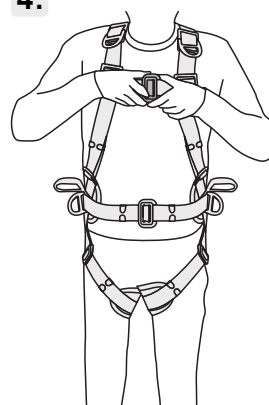
3 INSPECTION (TEXT PART)

4 COMPATIBILITY (TEXT PART)

3.



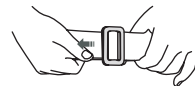
4.



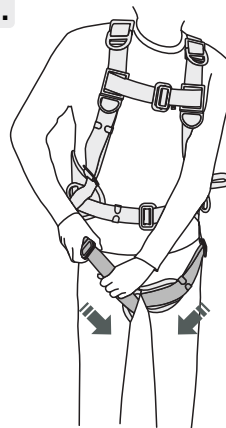
[3-1]



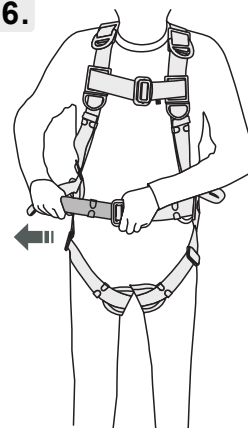
[3-2]



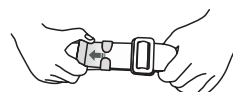
5.



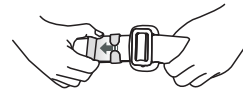
6.



[5]



[6]



7.

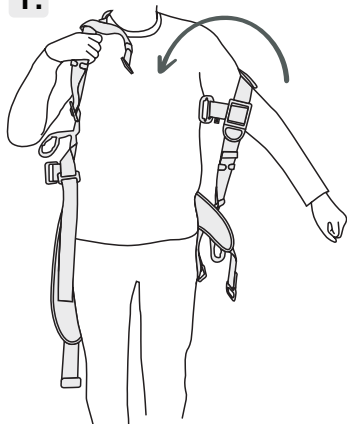


EN 358: 2018

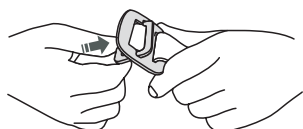


5 HARNESS DONNING INSTRUCTION

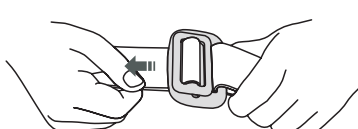
1.



2.



[2-1]



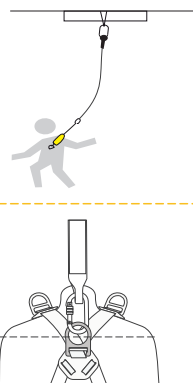
[2-2]



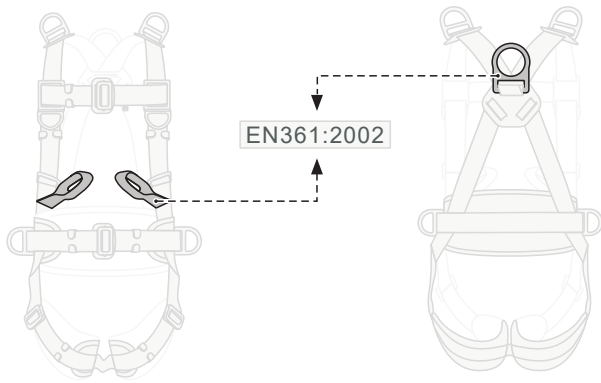
EN 1497: 2007



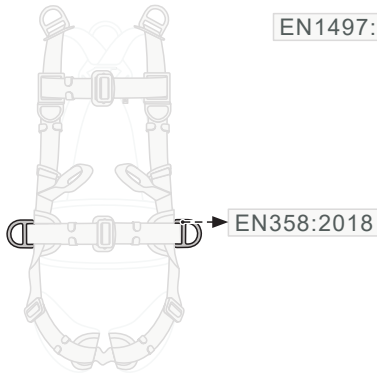
EN 361: 2002



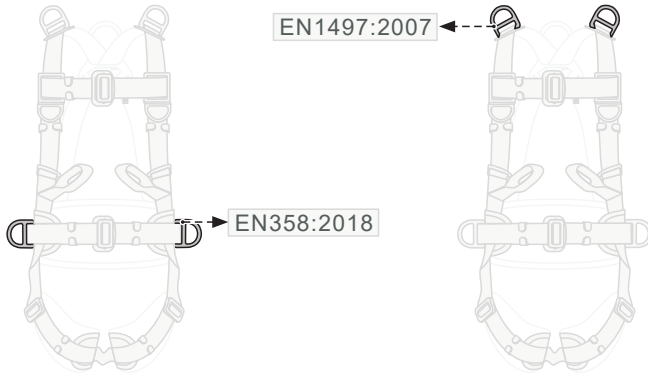
6 EN 361: 2002 FALL ARREST HARNESS



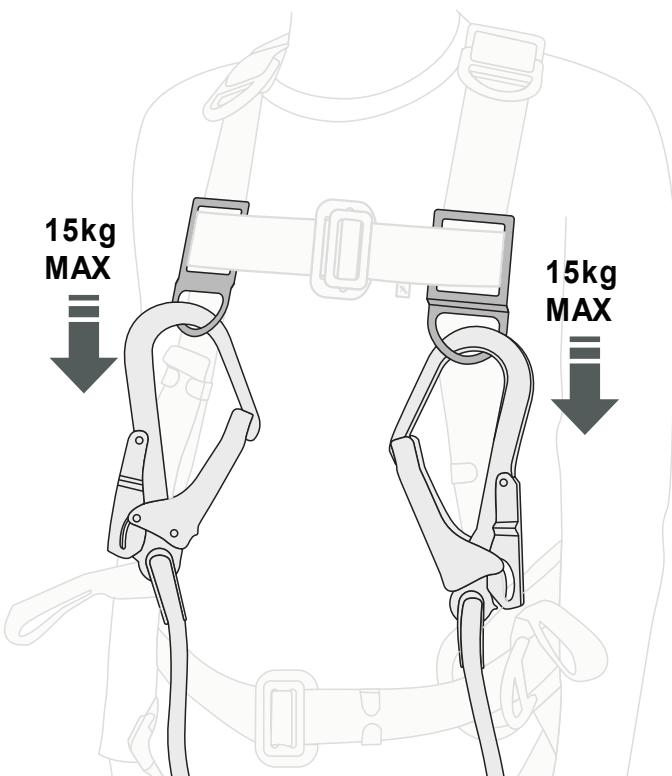
7 EN 358: 2018 BELT FOR WORK POSITIONING



8 EN 1497:2007 HARNESS FOR RESCUE



9 FALL ARREST LANYARD KEEPER



10 ADDITIONAL INFORMATION

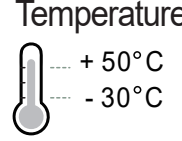
A.Lifetime



B.Marking



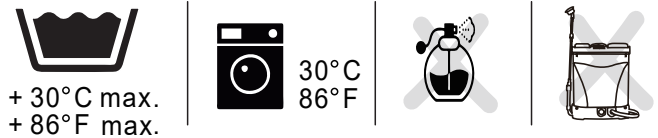
C. Acceptable Temperature



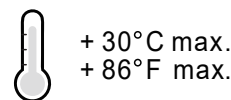
D.Precautions for use



E. Cleaning - Disinfection



F. Drying



G. Storage / Transport



H. Modifications - Repairs



I. FAQ - Contact



→ sales@periplusmro.com

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.

If you want to get a professional answer for any doubts that you have, please consult NTR® for further information.

1. FIELD OF APPLICATION

This equipment is personal issue item used for fall protection.

Nominal maximum load:

EN358:2018:the waist belt is approved for a user, including tools and equipment, with a weight up to 150 kg.

EN361:2002/EN1497:2007:100 kg.

Full-body harness for fall arrest: BK01, BK02, BK03, BK04.

Full-body harness for fall arrest and work positioning: BK02, BK03, BK04.

Full-body harness for fall arrest, work positioning and rescue: BK04.

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.A/2 sternal attachment point

2.Dorsal attachment point

3.Side attachment points

4.Shoulder attachment points

5.Leg loops

6.Waistbelt buckle

7.Adjustment buckle

8.Leg loop buckle

9.Lanyard keeper

10.Webbing keeper

Principal materials

Straps: polyester.

Buckles: Steel

Dorsal, side and shoulder attachment points: Steel

3. INSPECTION

Your safety is related to the integrity of your equipment.

Check the legibility of the markings before using the 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). Follow the procedures described at ntrsafety.cn. Record the results on your PPE inspection form: type, model, manufacturer contact info, batch number or lot number, dates: manufacture, purchase, first use, next periodic inspection; problems, comments, inspector's name and signature.

Before each use

Check the webbing at the attachment points, at the adjustment buckles and at the safety stitching. Look for cuts, wear and damage due to use, to heat, to chemicals... Be particularly careful to check for cut or loose threads. Verify that the connecting buckles function properly.

During use

Regularly verify that the adjustment buckles are securely fastened. 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 harness must meet current standards in your country (e.g. EN362:2004 carabiners).

5. HARNESS DONNING INSTRUCTION

- Be sure to correctly stow the excess webbing (folded flat) in the keepers.

- Be sure to verify that the buckles are correctly fastened.

Adjustment and suspension test

Your harness must be adjusted to fit snugly to reduce the risk of injury in the event of a fall.

In a safe environment, you must move around and hang in the harness from each attachment point to verify that the harness provides adequate comfort for the intended use and that it is properly adjusted.

Do not use this harness if you are unable to adjust it to fit properly.

Replace it with a different model of harness.

6. EN361:2002 FALL ARREST HARNESS

Conformed models: BK01, BK02, BK03, BK04.

Full-body harness for fall arrest, component of a fall arrest system in accordance with the EN363:2018 standard (personal fall arrest systems). It must be used in conjunction with EN795:2012 anchors, EN362:2004 locking carabiners, EN355:2002 energy absorber...

6A. Sternal attachment point

6B. Dorsal attachment point

Only these points may be used to attach a fall arrest system, for example a mobile fall arrester, an energy absorber, or other system described in the EN363:2018 standard. For ease of identification, these points are marked with the letter 'A'. The sternal attachment point consists of two loops identified as A/2. Be sure to always use the two loops together.

Clearance: amount of free space below the user

The free space below the user must be sufficient to prevent the user from hitting an obstacle in case of a fall.

In a fall, the dorsal fall arrest attachment point elongates. This elongation must be taken into account for the clearance calculation. Specific details on calculating clearance are found in the Instructions for Use of the other components (energy absorbers, mobile fall arrester...).

7. EN358: 2018 BELT FOR WORK POSITIONING

Conformed models: BK02, BK03, BK04.

The waist belt size range is 84-117cm.

These attachment points are designed to hold the user in position at the workstation. These attachment points must only be used to attach to a work positioning system.

Do not use a work positioning belt if there is a foreseeable risk of the user becoming suspended or exposed to uncontrolled tension on the belt. For work positioning, use an anchor point situated at or above waist level.

These attachment points are not designed for fall arrest usage. It may be necessary to supplement work positioning with collective or personal fall arrest systems.

When using the work positioning belt with an adjustable work positioning lanyard, adjust the lanyard to keep it taut during use.

7A. Waistbelt side attachment points

Always use the two side attachment points together, by linking them with a positioning lanyard, in order to be comfortably supported by the waistbelt.

8. EN1497:2007 HARNESS FOR RESCUE

Conformed models: BK04.

As appropriate, both the rescuer and rescuee should read and understand this instruction before using the harness.

Only these attachment points are designed for rescue. Maximum rated load of this rescue harness is 100kg.

When using the rescue harness, the users should understand the dangers of suspension trauma and have a plan to avoid it. NTR also provides suspension trauma strap.

The rescue harness is intended to be worn during normal working activities and that the user should carry out a suspension test in a safe place before using the rescue harness for the first time, to ensure that it is the correct size, has sufficient adjustment and is of an acceptable comfort level for the intended use.

8A. Shoulder attachment points for rescue

Always use the two shoulder attachment points together, by linking them with a lift spreader-lanyard (a spreader with two connectors).

WARNING: The rescue harness shall not be used as the body holding device in a fall arrest system.

9. FALL ARREST LANYARD KEEPER

To be used only as a connector-holder for unused lanyard ends.

Warning: this attachment point is not a fall arrest attachment point.

10. 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.cn.

- You must have a rescue plan and the means to rapidly implement it in case of difficulties encountered while using this equipment.
 - The anchor point for the system should preferably be located above the user's position and should meet the requirements of the EN795:2012 standard (12 kN minimum strength).
 - 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 case of a fall.
 - Make sure that the anchor point is correctly positioned, in order to limit the risk and the length of a fall.
 - Only use a lanyard or a fall arrester to connect the anchor device or structure.
 - 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 or sharp surfaces.
 - 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, maintenance, periodic examination and repair must be provided by reseller to the user of this equipment, in the language of the country where the equipment is to be used.
 - Make sure the markings on the product are legible.
- When to retire your equipment:
- **WARNING:** Hazards that may affect the performance of the equipment and corresponding safety precautions that have to be

observed e.g.: extremes of temperature, trailing or looping of lanyards or lifelines over sharp edges, chemical reagents, electrical conductivity, cutting, abrasion, climatic exposure, pendulum falls...
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.

The product should also be withdraw from use immediately if there is any doubt arise about its condition for safe use or it have been used to arrest a fall. And not used again until confirmed in writing by a competent person that it is acceptable to do so.

Icons:

- A.** Lifetime: 10 years - **B.** Marking - **C.** Acceptable temperatures
D. Precautions for use - **E.** Cleaning/Disinfection- **F.** Drying
G.Storage/Transport -**H.** Modifications/Repairs (prohibited outside of NTR facilities, except replacement parts) - **I.** FAQ - Contact

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

- 1. Situation presenting an imminent risk of serious injury or death.
- 2. Exposure to a potential risk of accident or injury.
- 3. Correct operation.
- 4. Incorrect operation.

TRACEABILITY AND MARKINGS

- a.Trademark
- b. Carefully read the instruction for use
- c. Meets PPE regulatory requirements. Notified body performing the EU type examination
- d. Number of the notified body responsible for the production control of this PPE
- e. Compliant standard
- f. Model identification
- g. Instruction of elements
- h. Instruction of adjustment

- i. Instruction of cleaning and drying
- j. Manufacturer info
- k. Batch number
- l. Outgoing
- m. Year of manufacture
- n. Month of manufacture
- o. Date of manufacture
- p. Lot number
- q. Inspection record

APPENDIX 1

Product:	Model:	Batch No.:
Manufacturing date:	User:	Document No.:
Purchase date :	Date first put into use :	
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	
Periodic examination and repair history		
Date		
Reason for entry (periodic examination or repair)		
Defects noted, repairs carried out and other relevant information		
Name and signature of competent person		
Periodic examination next due date		