



INSTRUCTION AND INFORMATION FOR THE USERS



Product name / type of authorized representative of manufacturer (A/C) :

OUP-KRM-FBH-E

Product name / type of manufacturer (P/C) : **PN 25**

Authorized representative of manufacturer (APP) :

RAW-POL STEFAŃSKI SPÓŁKA JAWNA, 96-200 Julianów, 50, Poland

Manufacturer (contact address of manufacturer) :

Karam, PN International, 96-200 Julianów, 50, Poland

Notified body :

SATRA Technology Europe Limited, Bracetown Business Park, Clonee, D15YN2P, Republic of Ireland (Notified Body: 2777)

Ongoing Assessment Body :

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland (Notified body: 0598)



KARAM

CE0598

This product is classed as a Personal Protective Equipment (PPE) by the European PPE Regulation (EU) 2016/425 and has been shown to comply with this Regulation through the Harmonized European Standard EN 361:2002 & EN 1497:2007

NOTE: IT IS RECOMMENDED THAT EVERY USER (INCLUDING THE PERSON RESCUING OR RESCUING, AS NECESSARY) SHOULD READ AND UNDERSTAND THE INFORMATION IN THE MANUAL BEFORE USING THE RESCUE BAG. IT IS RECOMMENDED TO KEEP THE PRODUCT INSTRUCTIONS FOR THE WHOLE USE OF THE PRODUCT.

CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT

This product is designed to minimize the risk of/provide protection against the danger of falling from heights. However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk related activity.

Note: Maximum Rated Load for the Harnesses is 140 Kg, including all tools (the corresponding models bear marked labels) and it is essential to use only 140 Kg compatible energy absorbing lanyards with these harnesses.

PERFORMANCE AND LIMITATIONS OF USE: This product has been tested in accordance with EN 361:2002 & EN 1497:2007 and has achieved the following performance levels:

EN 361:2002, EN 358:1999 oraz EN 1497:2007 test:	Result/Comment:
Clause 4.1 Design and Ergonomics	Achieves required performance requirement
Clause 4.2 Material & Construction	Achieves required performance requirement
Clause 4.3 Static strength	Achieves required performance requirement
Clause 4.4 Dynamic Performance	Achieves required performance requirement

Note: For EU Declaration, please submit your request at support.rawpol.com.

The harness is equipped with 3 attachment D-Ring. One at the dorsal side to be used for fall arrest only; one at the front (chest level) to be used for fall arrest only; and one D-Ring at the loop above the shoulders. This D-Ring is not for fall arrest; it is to be used only for rescue purposes.

- Harness should be the personal property of its user.
- The strength of the anchor device should be greater than 10 kN and the anchor point should be situated above the user's head.
- It should not be used in highly acid or basic environments.
- Protect the harness from mechanical hazards like sharp edges, tools, exposure to sunlight, ultraviolet degradation both during usage, transportation and storage.
- If the harness has an extension band at the back D-Ring, make sure that total length of the lanyard+ energy absorber+ connectors+ extension band is not more than 2.0 m.
- Ensure that the medical conditions of the user is fit for using the equipment.
- Equipment shall be used by a person trained and competent in its safe use.
- Do not make any alterations or additions to the equipment without the manufacturer's prior written consent, and that any repair shall only be carried out in accordance with manufacturer's procedures.
- The equipment needs to be a personal issue item.
- Ensure compatibility of all other products used with the equipment when assembled into a system.
- Ensure while choosing the combination of items that safe function of one item is not affected by or interferes with the safe function of another.
- The user should carry out a pre-use check of the equipment, to ensure that it is in a serviceable condition and operates correctly before it is used.
- Check that metal components are not rusted or mechanically distorted, the webbing should not have cuts or frays & that the stitching is not damaged anywhere.
- Withdraw the equipment from use if there is any doubt about its condition for safe use or if it has already arrested a fall and do not use it again until confirmed in writing by a safety expert.
- Ensure that the anchor point is strong enough & has a minimum strength for Metal 12kN & for Textile 18kN.
- Connect to the reliable anchor point using lanyards, hooks etc.
- The harnesses essentially have two types of attachment elements. All fall arrest attachment elements are marked A; these can be connected to fall arrest lanyards, retractable fall arresters etc. Where attachment elements are marked A/2, two of these have to be used together connected by a karabiner to fall arrest systems. The other attachment elements provided at the sides of the waist are to be essentially used for only work positioning & not fall arrest. They need to be connected to Work Positioning Lanyards only.
- Ensure that the anchor point is always above the head of the user.
- A full body harness is the only acceptable body holding device that can be used in a fall arrest system.
- It is essential to verify the free space required beneath the user at work place before each occasion of use, so that in the case of a fall, there will be no collision with the ground.
- Avoid using the product in extreme temperature, trailing or looping of lanyards or lifelines over sharp edges, chemical reagents, cutting, abrasion, climatic exposure & pendulum falls.
- Ensure that during transportation, the product is preferably packed in manufacturer's, original packaging or in a sealed polybag.
- The life span of the product is 10 years but annual inspection is important to check if any damages have occurred during usage.
- The rescue harness is intended to be worn during normal work activities.

PROPER HARNESS FIT/ INSTRUCTIONS FOR USE :

Follow Step 1 to Step 6 to wear the harness. Both leg straps as well as shoulder straps are adjustable to fit the size of the user. A harness either too loose or too tight will restrict movement and will not provide the optimum level of protection. The size of the harness is marked on a label attached to it and it is universal.

Visually inspect the harness before use to ensure that it is in a serviceable condition and operates correctly.

Step 1: Hold the harness by the dorsal D-Ring as shown in figure 1.

Step 2: Insert your arms into the shoulder straps (left arm into the left shoulder strap, right arm into the right shoulder strap) and close the metallic buckles on the chest strap as shown in figure 2. Tighten the chest strap on to your chest.

Step 3: The harness is now on the body with two leg strap hanging down at the back. Pull the leg straps one by one around your thighs outwards to your front as shown in figure 3.

Step 4: Close the parachute buckles of the leg strap one by one as shown in figure 5. (Figure 4 shows how to close the parachute buckles).

Step 5: Tighten the leg straps by pulling the free ends of the straps as shown in figure 6 until the harness fits the body tightly without hindering free movement. Also use the adjustment means at the shoulder straps to further tighten or loosen so as to fit the size of the user.

Fig.1



Fig.2



Fig.3



Fig.4

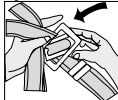


Fig.5



Fig.6



Step 6: Now depending upon the conditions of usage, use the front metallic D-Ring or the dorsal metallic D-Ring or both as point of attachment to Fall Arrest Systems. However, the D-Ring on the loops is to be used only for rescue purposes.

In case of any doubt arising about the condition of any component or system, replace it immediately. If the item has arrested a fall, withdraw it from service and return to a competent repair centre.

While using the harness, ensure that there is a minimum clearance of 5 m. Below the user's feet, to avoid him hitting the ground in case of a fall.

Apart from Fall Arrest this harness can be used in specific situations in conjunction with Fall Arrestors where front attachment is needed.

A rescue plan has to be set up before use, for carrying out a rescue operation in case of an emergency.

It is extremely important that your harness fits and is properly adjusted. Failure to do so can result in Serious injury or death, and proper connection of both types of straps is essential to fall safety. After donning a harness, make sure to check:

- Chest Strap:** Should be positioned in the middle of your chest [6" (152mm) to 8" (203mm) below the trachea but not below the sternum]. If the chest strap is positioned too high, the strap may move upwards during a fall arrest causing you to run the risk of strangulation. **If the chest strap is too low or not connected at all, you could fall out of your harness during a fall.**

- Leg Straps:** Proper adjustment of the leg straps is critical for safety. Leg straps should be snug, but not snug to the point that they obstruct normal blood circulation in the legs. **Failure to wear leg straps will not secure your body within the harness during a fall and could lead to serious injury or death.**

- Sub-Pelvic Strap (if present):** Provides support in the event of a fall, and also provides support when used for positioning. In a seated position, the sub pelvic strap should comfortably provide a "seat" for the buttocks. In the event of a fall, simply lift up your legs to transfer weight to the sub-pelvic strap.

- Suspension Test:** User is advised to proper fit the harness & carry out a suspension test on safe place to check the harness is suitably sized, properly donned, has sufficient adjustment, every strap is positioned on its intended area, is of an acceptable comfort level for the intended use.

MATERIAL USED:

The entire webbing used in these harnesses is made up of polyester.

SIZE: UNIVERSAL

COMPATIBILITY :

To optimise protection, in some instance it may be necessary to use the harness with suitable boots/gloves/helmets/ ear defenders or other Personal Protective Equipment. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application. Also, ensure that product is used by a trained and/or competent person.

STORAGE AND TRANSPORT:

When product is not in use in a well-ventilated area away from extremes of temperature. Never place heavy items on top of it. If possible, avoid excessive folding and preferably store it hanging vertically. If the product is wet, allow it to dry fully before placing it into storage. - It is recommended to distribute the product in a carton, foil or original manufacturer's packaging.XX

REPAIR:

If the product becomes damaged, it will NOT provide the optimum level of protection, and therefore should be immediately either replaced or repaired. Never use the damaged product.

Depending on the case, repairs are permitted, provided that it is either done by the manufacturer or a competent repair centre or individual approved by the manufacturer. Each case is decided individually.

LIFE SPAN:

The expected life span is 10 years but inspection before each use in compulsory. The life span greatly depends upon the conditions of usage of the product.

CLEANING:

In case of minor soiling, wipe the work positioning belt with cotton cloth or a soft brush. Do not use any abrasive material. For intensive cleaning wash the harness in water at a temperature not more than 40°C using a neutral detergent (pH7). The washing temperature should not exceed 40°C. Do not use acid or basic detergents. Follow the cleaning absolutely without any deviations.

WITHDRAWAL FROM USE :

If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer.

MARKING:

factor or a competent repair centre for servicing and re test.

INSTRUCTIONS FOR PERIODIC EXAMINATION

- The product should be necessarily examined as the safety of the user depends upon the continued efficiency and durability of the equipment.
- It needs to be inspected at least once a year.
- Periodic examination are to be conducted by a safety expert and strictly in accordance with manufacturer's procedures.
- It is important to check the legibility of the markings during inspection.

It is responsibility of the user to keep the service card update by entering the details mentioned in it.

INSTRUCTIONS FOR REPAIR

The product has no repairable features hence the manufacturer does not allow any repair that can be carried out on the product whatsoever.

WARNING:

- Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- The equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.
- The device should be used with appropriate combinations only. The user should not make any combination which compromises safe function of any other devices used in combination or entire fall protection system or rescue system.
- In the event of fall, the system must have a shock absorbing unit intact, which shall limit the maximum fall arrest load up to 6kN. After the fall, the victim must be rescued within 15 min of the fall to avoid jamming of blood vessels caused by stress. This is referred as state of Suspension Trauma, which can lead to serious injury or death.
- Emergency harness should not be used as a body support device in fall arrest systems.
- It is essential for the safety of the user that if a product is re-sold outside the original country of destination the reseller shall provide instructions for use for maintenance, for periodic examination and for repair in the language of the country in which the product is sold.

Note: The Rescue Harness Attachment shall not be used in a fall arrest system.

MARKING ON PRODUCT:

The Harness is marked with :

- The CE0598 mark showing that the product meets the requirements of the European PPE Regulation (EU) 2016/425 and number of notified body involved in the production assessment
- Identification of the manufacturer (**KARAM**) and authorized representative of manufacturer (RAW-POL STEFAŃSKI) (REIS) and address of authorized representative of manufacturer (contact address of manufacturer)
- Make acquainted with the instructions for use
- The pictograms of maximum rated load
- Type or product code of manufacturer (P/C)
- Type or product code of authorized representative of manufacturer (A/C)
- Month & Year of Manufacture
- Lot Number
- Serial Number
- Material
- Length
- Norm

HOW TO DISPOSE A HARNESS

When the harness becomes unusable or in case of any wear and tear, dispose the harness immediately in accordance with national regulations in your country.

Follow the steps for Disposal unless national regulations state otherwise:

- Make the three plastic crates namely - Textile, Metal & Plastic for placing the respective components of the Harness.
- Hold the Harness from Dorsal D-Ring.
- Inspect the wear & tear present on the Harness.
- Now, using a sharp scissor first cut the Textile and dismantles the harness.
- Put the Textile, Plastic & Metal components in their respective plastic crates.

DISCLAIMER:

This information on the product is based upon technical data that KARAM obtained under laboratory conditions and believes to be reliable. KARAM does not guarantee results and take no liability or obligation in connection with this information. As conditions of end use are beyond manufacturer control it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Please ensure that this information is only used to check that the product selected is suitable for the intended use. Any product that is damaged, torn worn or punctured should be discontinued from usage immediately.

OUP-KRM-FBH-E

FULL BODY HARNESSES • SZELKI BEZPIECZEŃSTWA



max. dopuszczalne obciążenie (włącznie z wyposażeniem ratowniczym) = 140 kg / max. rated load (including all tools) = 140 kg

Manufacturer's authorized representative / Upoważniony przedstawiciel producenta: RAW-POL STEFAŃSKI SPÓŁKA JAWNA, 96-200 Julianów, 50, Poland, www.rawpol.com

TYPE / TYP (P/C) :	PN 25
TYPE / TYP (A/C) :	OUP-KRM-FBH-E
MFG. MM/YY / PRODUKCA MIESIĄC/ROK :	XX/XXXX
BATCH NO. / NR PARTII :	XXXX
SERIAL NO. / NUMER SERIJNY :	XXXX
MATERIAL / MATERIAŁ :	POLYESTER / POLIESTER
SIZE / ROZMIAR :	UNI
NORMS / NORMY :	EN 361:2002, EN 1497:2007
PROPER BUCKLE ADJUSTMENT / PRAWIDŁOWA REGULACJA KLAMRY :	

