

## HARNESSES

In cases where there is a danger of fall and where, for technical reasons or a very short duration of task, a safe access cannot be secured otherwise, it is necessary to consider using personal protective equipment. Such usage must never be improvised and its selection is specifically supposed to be subject to the relevant core safety measures at the job site.

### Directions for Use

Do not use the safety harness (hereinafter referred to as the harness) unless you read the Directions for Use carefully. These Directions for Use show various options of application. Some of the established ways of improper use are shown in crossed pictures. The ways of improper use are not limited to those listed as their number is inexhaustible. The harness can only be used in ways shown on pictures which are not crossed. Any other way of use is forbidden and may lead to an accident or death. In case of any usage issue or confusion, please contact the MANUFACTURER.

### Usage

CAUTION: Professional training is required prior to use.

The harness is fitted with two "A" EN 361-marked attachment elements designed for fall arrest (15kN breaking strength, see the fig.)

Only these two points may be used for fall arrest. Open space below the user must be great enough so that, in the case of a fall, there will not be contact with any obstacles. The anchor point should be located in such a way so that both the free fall and possible fall distance are kept to a minimum distance.

The harness belt is fitted with three attachment elements designed for positioning in accordance with EN 358 and EN 813 (15kN breaking strength, see the fig.)

They are not intended to be connected to the fall arrest system. Sometimes it is necessary that work positioning systems or restraints are supplemented by multiple or individual fall arrest equipment. Secure point must be constantly remain at or above the belt and the connecting equipment must always be taut with free movement limited to a maximum of 0.6 m. Warning: Motionless hanging in a harness for a prolonged period can cause trauma or even death. It is, therefore, necessary to reduce this period of motionless suspension to a minimum.

The product must only be used in combination with an energy absorber in accordance with EN 355 and a metal connector conforming to EN 362 (a steel or aluminum alloy snap hook, eventually oval buckle, the so-called maillons) and, also, in combination with other protective equipment that, together with the harness, form a simple compatible system.

Anchoring devices must conform to EN 795 (with a minimum strength of 10kN) and should preferably be located above the user's position. Warning: It is forbidden to use the chest harness separately (EN 361 and EN 12277 type D) without a sit harness.

This product may only be used by responsible and professionally trained personnel or a person under permanent supervision of such personnel. Check whether the harness is compatible with other pieces of your equipment. Use products complying with relevant standards and regulations only. It is necessary that the user of this harness be informed of ways to provide rescue in case of an accident occurring.

Keep in mind that moisture and frost can reduce the strength of some parts of the product.

### Inspection

Prior to use, the harness must be checked for correct size and buckle functionality to ensure maximum comfort and safety.

The user must be able to move freely. We recommend trying the harness at a safe location.

During use, check that the buckles are properly pulled on and the ropes tied securely. Prior to and following each use, it is required that the condition of the straps and seams be checked, including less accessible parts of the product. Use of a harness showing the slightest signs of damage must be immediately discontinued. All product construction changes or repairs outside our manufacturing premises are prohibited.

### What must be checked?

**Textile material:** Cuts, chafing, damage caused by aging or due to high temperatures and effects of chemicals etc.

**Seams:** Ripping, cuts or unsewn threads.

**Buckles:** Correct buckle functionality.

**Metal elements:** Corrosion, wear etc.

### Major fall

The use of the product must be discontinued following a major hard fall. In case of any doubts, send the harness off for an inspection. Never forget that your life and safety are worth much more than a new harness.

## Materials

The harness is made of synthetic PA and PES fibers. The steel buckles and anchoring elements are surface treated according to EN 362.

## Cleaning

A dirty harness can be washed in clean water and mild detergents (max. 30°C) and left to dry properly in a dark and well-ventilated room. The harness must be dried naturally without the use of fire or other heat sources.

## Disinfection

Should disinfection be necessary, the agent used must be suitable for use with polyamide and polyester. Dilute the agent in clean water (max temperature of 30°C) and leave to take effect on the harness for one hour. Following that, wash it in clean water and leave to dry in a low-heated, dark and well-ventilated room. The harness must be dried naturally without the use of fire or other heat sources.

## Chemicals

Protect the product from getting in contact with caustics and solvents (acids). These chemicals are very dangerous for the synthetic fibers.

## Transporting and storage

Store the harness at a dry, dark and well-ventilated place. Protect it from the effects of long-term UV radiation. Do not store or leave it to dry close to heat sources. Do not store the harness while being twisted too much or laden. The product is supplied by the manufacturer in a textile bag that, at the same time, serves as a suitable storage and transportation case.

## Temperature

We recommend that the harness be used in temperatures ranging from -40°C to +80°C. At these temperatures, the product retains required strength.

## Life and inspections

The life of textile products is **10 + 5 years** (5 years of storage in compliance with the instructions, 10 years from the first use). If the authorized person establishes that the product is not suitable for further safe use it is competent to recommend discontinuation of further use of the product even before elapse of its lifespan.

Textile products must be checked **at least once in 12 months** by the manufacturer or a person authorized for inspections of PPE of category III and simple structure (hereinafter "authorized person") such as IRATA and SPART LEVEL 3 etc. These inspections should also be performed in the case of emergencies (fall, aggressive chemical environment, mechanical damage or doubt of the user).

## Warranty

**The MANUFACTURER** provides a guarantee of **3 years** for defects of material and workmanship.

The guarantee does not relate to defects caused by normal wear and tear, negligence, unprofessional handling, improper use, prohibited adjustments and poor storage.

Accidents, damages, negligence and use for which the harness is not designated are not covered by this guarantee.

**The MANUFACTURER** is not liable for direct, indirect or accidental damages in connection with the use of our products or as a consequence thereof.