

Instructions for use

Positioning lanyards certified according to EN 358

Dear customer,

Thank you for purchasing a VERTIQUAL® product!

You have just purchased a high quality product that will reliably protect you and will be your companion for a long time when working at heights and depths. For your safety, please refer to the operating instructions below.

We wish you all the best with your new PPE!

General presentation

FAST



1. Carabiner 624 (or other carabiner of choice, certified acc. to EN 362 class B)
2. Protective hose
3. Ropegrab mechanism (aluminium)
4. Carabiner 232 (or other carabiner of choice, certified acc. to EN 362 class A, T or B)
5. Sewn termination protected by a transparent sleeve
6. Kernmantle rope, diameter 14 mm

ENDURANCE



1. Carabiner 424 (or other carabiner of choice, certified acc. to EN 362 class B)
2. Protective hose
3. Ropegrab mechanism (steel)
4. Carabiner (or other carabiner of choice, certified acc. to EN 362 class A, T or B)
5. Spliced termination protected by a transparent sleeve
6. Twisted rope, diameter 16 mm

FLEXIBLE



1. Adjuster buckle
2. Carabiner 0022 (or other carabiner of choice, certified acc. to EN 362 class A, T or B)
3. Sewn termination protected by a transparent sleeve
4. Kernmantle rope, diameter 12 mm or 14 mm

CLASSIC



1. Adjuster buckle
2. Carabiner 121 (or other carabiner of choice, certified acc. to EN 362 class A, T or B)
3. Spliced termination protected by a transparent sleeve
4. Twisted rope, diameter 16 mm

WARNING!

These instructions must be read and understood before using the product!

For work with a risk of falling: at heights and depths, a hazard assessment must be made based on DIN/EN, the applicable regulations and the resulting provisions of protection and rescue measures.

This personal protective equipment against falls (PPE) may only be used by persons with special training for working at heights and depths. Before using the harness for the first time, the user must be instructed in the correct and safe use! The user must be aware of the dangers and risks and to be able to evaluate and to direct its actions and decisions accordingly. The user must know the properties and limitations of this product, he must know and accept the risks associated with the use of this product. These operating instructions must be available to all users of this personal protective equipment against falls. Beginners must be under the constant observation of experienced users of this personal protective equipment! Each user is responsible for the execution of his tasks as well as for his safety. If he is unable act accordingly, if he does not have the appropriate knowledge, skills and powers, he can not use this personal protective equipment against falls!

Before using the product, the integrity and compatibility of the equipment must be checked. If there is any uncertainty, the equipment must be withdrawn from use and the advice of the dealer or manufacturer must be obtained. We recommend to use the shock absorbing lanyards with other components from VERTIQUAL®, to have guaranteed 100% compatibility of the elements!

Field of use

Work positioning lanyards (with length adjustment devices) belong to the category of personal protective equipment (PPE) and are intended to protect the user in areas where the risk of falling from a height has been identified. They are up to 200cm in length (including the carabiners with which they are equipped) and have a static breaking load of at least 15kN. The positioning lanyards can only be used with certified positioning belts according to EN 358 or other complex harnesses that integrate a positioning belt (eg: combined-full body harness according to EN 361 + EN 358 or multifunctional harnesses according to EN 361 + EN 813 + EN 358). The product is intended for exclusive use in positioning systems and in restraint systems! It is strictly forbidden to use these products as a means of connecting for arresting a fall! These positioning lanyards ensure the user a high level of comfort and help prevent accidents! Before you start working, you must check the compatibility of your PPE equipment that will compose your system for working at heights! For 100% compatibility of your system components, we recommend using these positioning lanyards with other VERTIQUAL® fall protection equipment. It is forbidden to intentionally or accidentally apply mechanical shocks to these products (eg material handling, goods assurance during transport, etc.). These lanyards must NOT be used as means of connection for arresting a fall!

Description and application

The **FAST/ENDURANCE** positioning lanyards are equipped with a rope-grab mechanism (3) which allows quick and reliable adjustment of the lanyard's length. By pushing the lever of the mechanism, the toothed cam releases the rope, making it possible to move through the mechanism, in both directions. The mechanisms are provided with an anchorage eye to which the carabiner (1) is attached. The rope is protected against abrasion by the sleeve (2). The carabiner (4) is attached to the end sewn termination of the lanyard, and the opposite end (5) is closed and provides a strong and reliable end stop for the mechanism.

The **FLEXIBLE/CLASSIC** positioning lanyards are equipped with a buckle (1) for adjusting the length. The terminations of the lanyard are equipped with carabiners (2). Adjusting the length is done through the special buckle when the lanyard is relaxed.

Before each use a visual inspection and functional test must be performed by the user! **The product must be discarded if the user identifies: thickening or thinning on the rope, torn material, incisions, worn or interrupted seams, discoloration, burns, hardening, rusted or deformed metal parts, incorrectly closing carabiners and other abnormal changes.**

Beware: damages to your PPE equipment can be inflicted without your knowledge (e.g. negligence of a coworker) and it is important that a visual check is performed before each use!

If the lanyard is equipped with screw-lock carabiners, make sure that they are closed and tightened up to the last rotation. In the case of carabiners with automatic locking, it is important to ensure that the locking mechanism closes completely.

The user must monitor their integrity, functionality and correct settings before, during, and after using their PPE! Avoid contact of the product with abrasive edges, sharp edges, greases and oils, corrosive chemicals, heat, flames, sparks and incandescent metal splash.

Rescue!

Working at heights requires good physical health, good training in the use of the equipment and thorough assessment of risks. A rescue plan must be prepared for the specific workplace before starting the work. The rescue plan must be available at any time and a rescue team should be ready to intervene within minutes.

WARNING!

1. This equipment may not be modified or supplemented in any way!
2. This equipment is designed and manufactured only for use as personal protective equipment (PPE), all other operations are prohibited!
3. For safety reasons, each user shall use his own personal protective equipment against falling from heights, as well as his own equipment for rescue!
4. The user must be familiar with the function of the equipment. If in doubt, ask the manufacturer for advice.

The equipment must be withdrawn from use if:

1. The marking / label is missing or unreadable.
2. There is a strong wear and tear, damage is visible (thickenings or thinning on the rope, torn material, incisions, worn or interrupted seams, discoloration, hardening, rusted or deformed metal parts, incorrectly locking carabiners, other abnormal changes).
3. The equipment had been in contact with paints, unknown chemicals and other irreversible impurities.
4. Equipment was involved in a fall arrest or was subjected to heavy loading.
5. The integrity of the equipment is questionable, the use and application history has gaps.
6. The equipment was in use longer than 6 years.

In general: in case of uncertainties and doubts, please remove the equipment and send it to the manufacturer for inspection.

Service life! The service life, under normal conditions of use is 4-6 years, from the date of the first use. The storage of new, unused products, under optimal conditions (dark, no high humidity, constant temperature) should not exceed 2 years. **The date of first use must be written in the inspection log!**

Intense use, heavy and stressful working conditions, improper application and faulty maintenance can reduce or even end the service life of the equipment. Some events, such as exposure to severe heat, exposure to corrosive chemicals and use on sharp edges can restrict the service life to a single use!

The service life will be ended if any of the facts presented in the previous chapter has been identified.

Storage, care and transport! The equipment should be stored in a dry, well - ventilated and cool place, if possible in the original packaging or in a dedicated textile bag / box. The PPE must be protected against UV radiation, heat, solar radiation, chemicals, sharp edges, heat sources and any type of impurities.

Metal parts can be blown clean with compressed air. The textile parts can be washed with soap (mild soap, commercially available) and water (30° C), the rinse with clean water. Drying wet equipment should be made by suspending it in a closed but well-ventilated room, far from any heat source. Once it's fully dried, the equipment can be loosely placed in a storage bag. Transport of the equipment is best done in a transport bag or transport box.

Inspection! The user must carefully check their equipment before each use. The equipment can also be observed during the use and after it was used!

The equipment must be **inspected at least once every 12 months** by a competent person in accordance with the manufacturer's instructions. Difficult working conditions and intensive use require more frequent checks.

For your safety, we recommend checking every 6 months. It is also recommended to send this equipment for inspection at the VERTIQUAL® Service Center or to a VERTIQUAL® partner. Your equipment is thus included in our database and you will get a very detailed report of each inspection. At every inspection, the results are written in the product's inspection log.

Marking! All equipment manufactured at VERTIQUAL® has a sewn label that contains the essential information and the unique identification number (Serial No.). The label can be found under the transparent sleeve of one of the lanyard's ends. The label includes the name of the manufacturer, name of the model, month and year of manufacture, the standards according to which the product has been certified, CE certification mark and number of the notified body, international symbol for reading the operating instructions before use, the serial number and a warning regarding the minimum fall clearance that needs to be ensured. The label must always be readable!

Inspection log! Each equipment has its own inspection log, which must always be stored together with the product and sent along with the product for inspection. The inspection log contains important data related to the PPE's inspection history and the signature of the competent person that performed the inspection. Date of first use must be written in the inspection log!

Repairs! Repairs, modifications, additions to the equipment may **only be carried out by the manufacturer!**

Warranty and liability! The manufacturer generally grants a guarantee of 12 months from the first use on his products (the date must be written in the Inspection Log).

The guarantee is given for hidden material defects and production defects. Damage due to normal wear, rust, improper maintenance, improper use, accidents, fall arrest and manipulation of the equipment are not covered by the guarantee.

Warranty claims apply only to the product. Claims of third parties and consequential damages resulting directly or indirectly from Warranty and liability assumptions are excluded.

The user must be informed regarding the dangers of work at heights and depths. He should be aware of the risks and is responsible for eventual damage, accidents or even death which may result from the use of this equipment. If the user unable to do so or if he does not have the competence to do so, he cannot use this PPE. VERTIQUAL® accepts no liability for direct, indirect, accidental or consequential damages resulting from the use of the fall arrest PPE.

CE type examination certificate has been issued by the INCDPM Institute for Research and Development in Occupational Safety and Health, from Bucharest, European Notified body with the identification number 2756.

