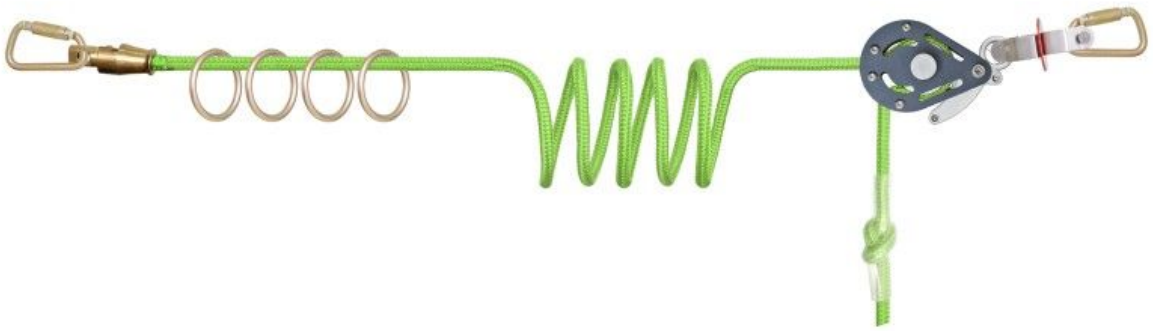
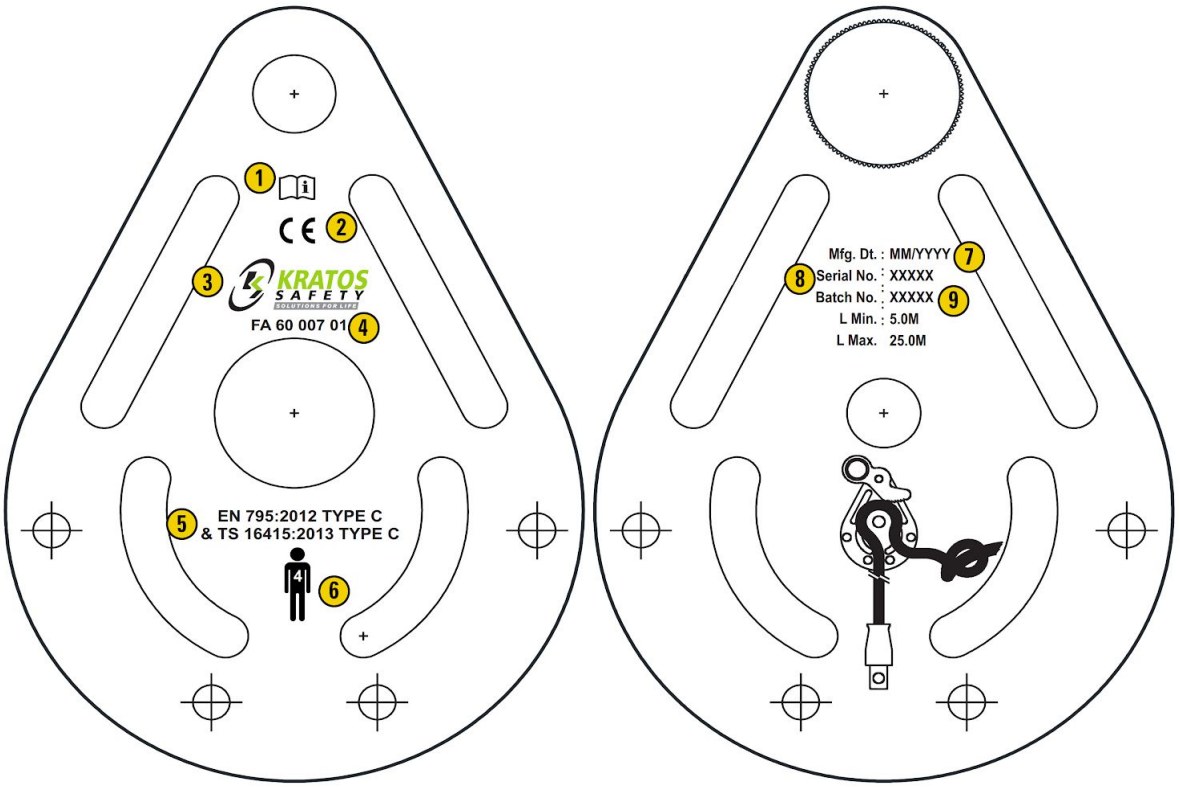
4 USER HORIZONTAL LIFELINE INSTRUCTIONS



For your safety, comply strictly with the instructions for use, verification, maintenance and storage. George Taylor & Co. cannot be held liable for any direct or indirect accident occurring as a result of use other than provided for in this notice; do not use this equipment beyond its capabilities!

LABELLING



1. Read the instructions before use

2. Indication of conformity with the directive

3. Manufacturer's name

4. The product reference

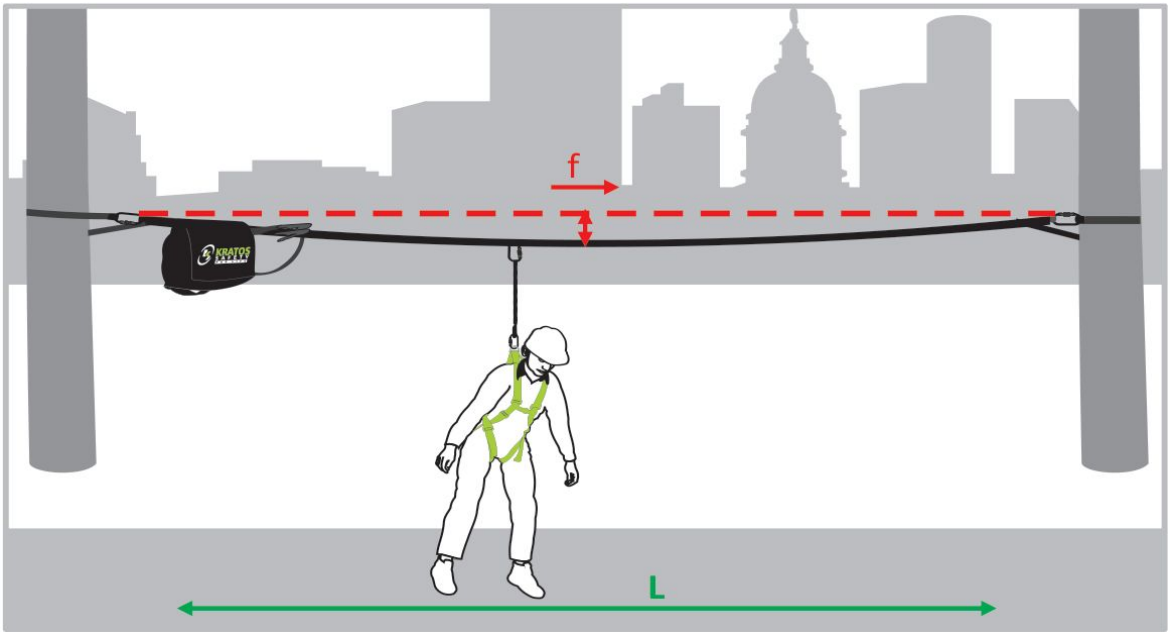
5. The number of the standard to which the product conforms and its year

6. Tested for a use by 4 people

7. The date (month/year) of manufacture

8. The individual number

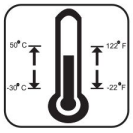
9. The batch number



See hereunder for explanation of tags

The system must be stored away from heat and damp.

The attachment point must be situated above the user and have a minimum resistance of: >15 kN

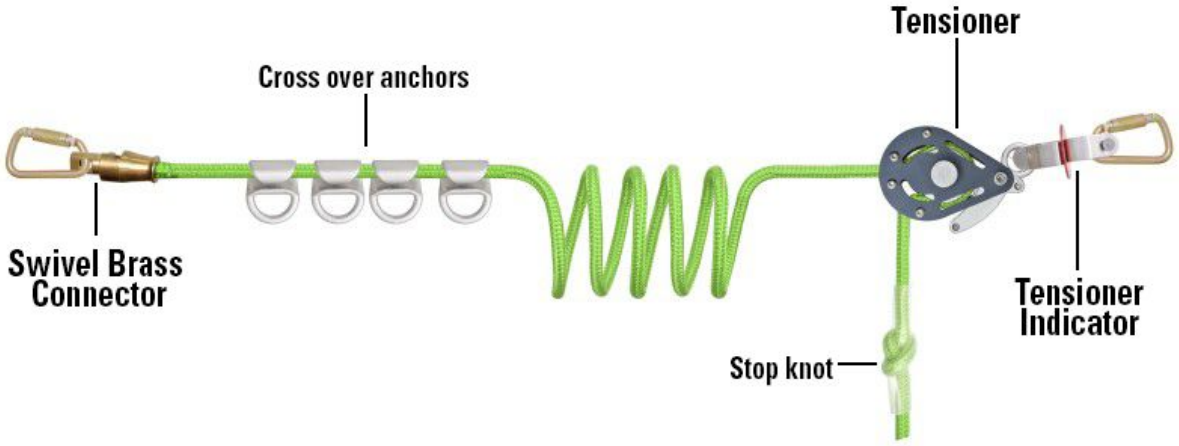


To be used in a temperature range between - 30°C & 50°C

The maximum angle of use is 15°

INSTRUCTIONS FOR USE AND PRECAUTIONS

The Kratos Safety temporary lifeline is a temporary portable anchorage device compliant with standard EN 795:2012 Type C, TS 16 415:2013 Type C and with European Directive 89/686 EEC. This lifeline was designed to protect the safety of users anywhere there is a risk of falls. User safety relies on the effectiveness of the equipment and full understanding of the safety instructions contained in this user leaflet. It may be used by 4 persons at the same time. It is available in 2 versions: FA 60 007 01 - 25 m lifeline supplied with 4 O-ring anchors, and FA60 007 02 - 25 m lifeline supplied with 4 cross-over anchors enabling users to pass one another without having to unhook the lifeline, for more safety. The lifeline should not be used for lengths less than 5 m. It is equipped with a tension indicator installed on the tensioner (see photo below).



1	Principal tension adjustment bolt
2	Tension indicator
a	Tension indicator washer
3	Locking button
4	Cam lever
5	End plate
6	Pulley plate
7	Positioning bolts (x4)
8	Anchorage cam/ring

INSTALLATION

Case 1: There are anchorage points available (EN 795:2012 Type A) with a resistance >18kN. The lifeline will be connected directly to them using the connectors supplied with the lifeline (FA50 301 23 – R>25kN). This is the preferable installation type, each time it is possible.

Case 2: There is no anchorage point on the structure. The lifeline will be connected using the connectors supplied with the lifeline (FA 50 301 23 – R>25kN) on anchorage straps (compliant with EN795:2012 Type B – R>18kN) installed directly on the structure. In this type of installation, the anchorage straps should not be installed on sharp edges and should be adequately protected. If an installation using anchorage straps is not possible/desirable, the lifeline can be installed on another type of anchorage point, as long as users check its compliance (EN 795:2012 Type B), its resistance (R>18kN) and

the direction of application of forces. In all cases, the lifeline should be positioned horizontally, with a maximum angle of 15° from the horizon line. It is prohibited to use the device with structures with small diameters and corrosion as this can affect the performance of the device. **Minimum resistance to rupture of the anchorage points or a structure: 18 kN.**

Before installation, it is essential to take into consideration the deflection (F) of the lifeline in the event of a fall, the table below is provided as an example:

Deflection (F)	Number of users			
Length (L)	1	2	3	4
5m	1.22m	1.12m	1.13m	1.15m
10m	1.89m	1.92m	1.93m	2.02m
15m	2.61m	2.69m	2.83m	2.99m
20m	2.32m	3.56m	3.73m	3.96m
25m	4.64m	4.44m	4.65m	4.83m

Be sure to account for the clearance needed by the fall arrest system used, the useful clearance will therefore be the sum of the deflection of the lifeline + the clearance of the fall arrest system.

When choosing the place of installation, give preference to situations where the lifeline is situated above the shoulders of the users, and make sure the equipment is not likely to be damaged by sharp edges, rubbing, heat sources, etc.
It is recommended to connect only one single lifeline per anchorage point (case 1 or case 2). Never connect the end of the lifeline to itself (rope) to form the anchorage. Before the first use, we recommend you take the time needed to fully unwind the rope.

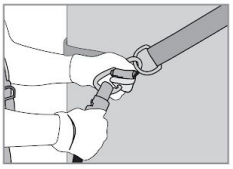


Fig 1

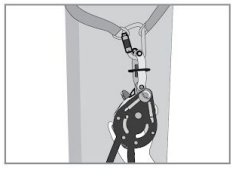


Fig 2

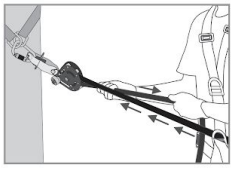


Fig 3

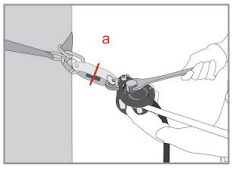


Fig 4

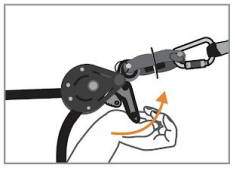
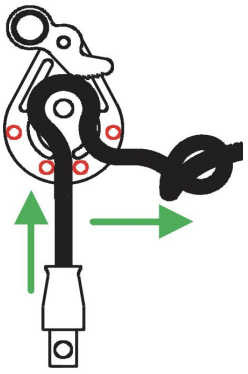


Fig 5

Once the installation location has been determined, start by checking the passage of the rope through the tensioner (see drawing opposite), you must check based on the positioning bolts (in red on the drawing) / of the anchorage cam/ring / of the end swivel and the rope entry and exit points (green arrows on the drawing). Connect the connector on the end swivel onto one of the attachment points (Fig. 1) and on the connector on the tension indicator on the second attachment point (Fig. 2). Make sure the two connectors are properly closed AND locked. Open the cam lever (4) and keep it open by lightly pressing the locking button (3). Make sure the 2 plates on the tensioner (5 and 6) are closed, the 4 positioning bolts (7) on the pulley plate (6) must be totally engaged in the end plate (5) and it must be held closed using the locking button. Under normal use, you do not have to open these two plates, but this opening is necessary during verification operations.



Tension adjustment

Once the lifeline is installed, a pre-adjustment of the tension must be made by pulling manually on the rope (knot end side – Fig. 3). Automatically, the cam (8) and the cam lever (4) must come into contact with the rope. Close the cam lever (4), then, using an appropriate wrench, apply tension on the tension adjustment bolt (1) until the tension indicator washer (a) placed on the tension indicator (2) turns freely (Fig. 4). Once this washer moves freely, STOP TIGHTENING! This corresponds to a pre-tensioning on the line of approximately 1 kN. During use, regularly check this tension (rotation of the tension indicator washer) and adjust if necessary, as explained above. WARNING! Do not try to loosen the tension adjustment bolt (1) with the wrench, the cam (8) resists this loosening and resists rotating counter-clockwise. Significant loosening in this direction may have harmful consequences on the operation of the system and on the condition of the rope.

Withdrawal

To uninstall the lifeline, pull on the cam lever (4) (Fig. 5). Unhook everything and repack it in its original bag.

Do not leave the lifeline installed after an intervention, it must be installed for one day of intervention at most. For safety reasons, make sure that no obstacles are impeding the normal operation of the fall arrest system, connected to the attachment point, before each possible use. Ensure that the general set-up limits swinging in the event of a fall, and that the work is performed to limit the risk and the height of a fall.

This equipment must only be used by trained, competent and healthy persons, or under the supervision of a trained and competent person. Warning! Certain medical conditions can affect user safety, if in doubt please contact your doctor.

Be aware of the hazards that could reduce the performance of your equipment, and therefore the safety of the user, in the case of exposure to extreme temperatures (< - 30°C or > +50°C), prolonged exposure to the elements (UV rays, humidity), to chemical products, electrical constraints, if the fall protection system becomes twisted when in use, or in the case of sharp edges, friction, cuts, etc.
Before and during use, we recommend that you make the necessary arrangements for a safe rescue, should this be required. Check before each use: the rope condition (no cuts, no burns, no abrasion, no core/sheath slippage, no significant core deformation), the condition of the cam, the plates, and lever (no deformations, no sharp edges, no traces of oxidation), the condition of the tension indicator (no deformations) and that of the swivel (no deformations, no sharp edges), and pay particular attention to the rope/swivel connection. Also check the condition of the connectors (no deformation, no sharp edges, no traces of oxidation) and in particular check the operation (closure AND locking). In case of doubt regarding the condition of the device, the lifeline should no longer be reused and/or be returned to the manufacturer or to a competent technician, approved by the manufacturer. After a fall, or in case of doubt, the product should not be reused and should be marked "OUT OF SERVICE" (see paragraph entitled "VERIFICATION").

The readability of the product's markings must be checked regularly.

Do not remove, add or replace any component of the product.

Chemical products: do not use the device in the event of contact with chemical products, solvents or fuels that could affect its operation.

TECHNICAL SPECIFICATIONS

Material: Tensioner:Alloy of aluminium, stainless steel.
Attachment rings/Cross-over anchors: Steel. End swivel:Brass. Rope: Polyester.
Weight: FA60 007 01: 9.3 kg / FA60 007 02: 10.2 kg.
Static resistance of the system > 19kN.
Kratos Safety certifies that lifeline has been tested in accordance with standard EN 795:2012 Type C.

COMPATIBILITY FOR USE

This equipment is for use with a fall arrest system as defined in the product data sheet (see standard EN363) to guarantee that the dynamic force exerted on the user during the arrest of a fall is no greater than 6 kN. A fall arrest harness (EN361) is the only body support device that may be used. It may be dangerous to create your own fall arrest system in which each safety function may interfere with another safety function. Therefore, it is important to read the recommendations on using each component in the system before use.

INSPECTION

The recommended service life of the equipment is 10 years (in accordance with the annual examination by a competent person authorized by KRATOS SAFETY), but it may be increased or reduced according to use and/or the results of the annual inspections. The equipment should be inspected if there is any doubt, or following a fall, and at least annually, by the manufacturer or a competent person authorised by the manufacturer to check its strength and therefore the user's safety. The product data sheet should be completed (in writing) after each verification. The date of inspection and date of the next inspection must be indicated on the data sheet. It is also recommended to put the date of the next inspection on the product.

MAINTENANCE AND STORAGE

(These instructions must be strictly observed)

During transportation, keep the equipment away from any cutting edges and in its packaging. Clean with water, wipe with a cloth and hang in a ventilated room to dry naturally, ensuring that it is away from any direct light or source of heat; the same applies for elements that may have got wet during use. The system must be stored in its packaging in a cool, dry, and ventilated room.