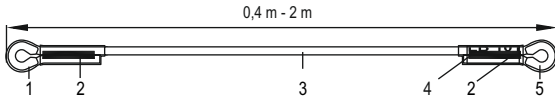


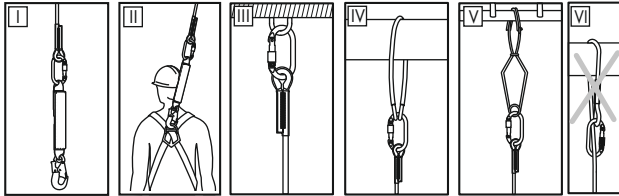
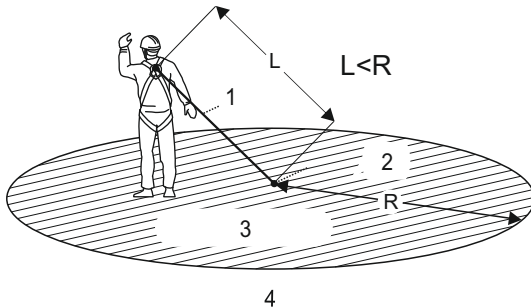
A

PROTEKT®
CE 0082
EN 354:2010

GB SAFETY LANYARD

B**C**

- 1 — SAFETY LANYARD
- 2 — LB 101 xx
- 3 — LENGTH: x,x m
- 4 — Serial number: XXXXXXX
- 5 — Date of manufacture: MM.RRRR
- 6 — EN 354:2010
- 7 —
- 8 — CE 0082
- 9 — **PROTEKT®**

D**E**

GB - NOTICE: Read and fully understand these instructions before using this equipment.

A. DESCRIPTION

- The safety lanyard can be used as an element of personal protective equipment against falls from a height according to EN 354.
The connecting and energy-absorbing subassembly consists of the safety lanyard connected to an energy absorber in accordance with EN 355 and to a full body harness in accordance with EN 361. It is attached to a permanent anchor point in accordance with EN 795 and constitutes complete and essential user protection against falls from a height.
- The safety lanyard can be used as an element of personal protective equipment for restraint purpose and preventing falls from a height by restricting the travel of the user.

Fixed length lanyards

Fixed length lanyard is made of polyester kernmantle rope, ended with loops equipped with plastic thimbles.

The diameters of the rope is:

- ø10,5 mm -Ref. LB101
- ø12 mm -Ref. LB121
- ø14 mm -Ref. LB141

B. NOMENCLATURE

1. loop with thimble
2. seam
3. polyester kernmantle rope
4. identity label
5. loop with thimble

C. MEANING OF THE MARKING

1. device type
2. reference number*
3. lanyard length

4. lanyard serial number
5. month and year of manufacture
6. number and year of issuing an European standards applicable for the lanyard
7. note: study the instruction before use
8. The CE mark and number of the notified body responsible for performing the manufacturing process inspection
9. manufacturer or distributor marking

*) xx device length designation,
 for example: xx = 05 0,5 m long;
 xx = 20 2,0m long

E. USING THE SAFETY LANYARD AS A CONNECTING AND SHOCK-ABSORBING SUBASSEMBLY (EN 354)

1. Connect one lanyard snap hook to the energy absorber in accordance with EN 355 fig. I
2. The then created connecting and shock-absorbing subassembly is to be attached by the energy absorber snap hook to the front or rear full body harness fastening buckle marked as "A" fig. II
3. The other lanyard snap hook is to be attached to a selected permanent anchor point with a minimum strength of 12 kN.
 - directly - fig. III
 - using an additional fastening element in accordance with EN 795 or EN 362 - fig. IV and V
 - It's forbidden to use the lanyard choke hitched fig. VI.

ATTENTION: The total length of the energy absorber, safety lanyard, snap hooks and fastening elements cannot exceed 2m.

The safety lanyard cannot be used as a device arresting falls from a height without its energy absorber. The safety lanyard can be used without the energy absorber as a restraint lanyard only - to restrain the user staying in falls from a height dangerous zone.

NOTES: - In determining the space under the workplace required to arrest the fall, consider the length of lanyard as an additional element that extends the distance for arresting a fall.

- The total length of the safety lanyard connected to an energy absorber compliant with EN 355 and snap hooks and fasteners shall not exceed 2 m.

- The user should minimise the amount of slack in the lanyard near a fall hazard.

- The user should avoid interleaving the lanyard between construction elements or the situation when there is a risk of falling over the sharp edge (e.g. roof edge).

- The lanyard can be used in temperatures from -45°C to 50°C.

- Do not use only the safety lanyard (with no shock absorber) on its own as a device to arrest a fall from height.

- Two separate lanyards each with an energy absorber should not be used side by side (i.e. parallel).

- The free tail of a twin tail (double) lanyard combined with energy absorber should not be clipped back on the harness

- It is permissible to use the safety lanyard without a shock absorber only as a rope that restricts (prevents) the worker from the area at risk of a fall.

E. USING THE SAFETY LANYARD AS A RESTRAINT LANYARD

1. Safety lanyard
2. Anchor point
3. Working area
4. Falls from a height area

The safety lanyard can be used as an element of personal protective system that prevents falls from a height by restricting the travel of the user, so that the person is prevented from reaching areas or positions where the risk of a fall from a height exists. The restraint system is not intended to arrest a fall from a height or work in situations where the user needs support from the body holding device (e.g. to prevent him from slipping or falling). Any suitable body holding device may be used in the restraint system. The length of the lanyard (L) must be shorter than the distance from the anchor point to the fall arrest area - see drawing E.

IT IS FORBIDDEN TO USE THE SAFETY LANYARD FOR APPLICATIONS OTHER THAN THOSE SPECIFIED IN THE OPERATIONAL INSTRUCTION

F. PERIODIC INSPECTIONS

Device must be inspected at least once every 12 months from the date of first use. Periodic inspections must only be carried out by a competent person who has the knowledge and training required for personal protective equipment periodic inspections. Depending upon the type and environment of work, inspections may be needed to be carried out more frequently than once every 12 months. Every periodic inspection must be recorded in the Identity Card of the equipment.

G. MAXIMUM LIFESPAN OF THE EQUIPMENT

The maximum lifespan of the device is 10 years from the date of manufacture.

ATTENTION: The device maximum lifetime depends on the intensity of usage and the environment of usage. Using the device in rough environment, marine environment, contact with sharp edges, exposure to extreme temperatures or aggressive substances, etc. can lead to the withdrawal from use even after one use.

H. WITHDRAWAL FROM USE

The device must be withdrawn from use immediately and destroyed when it has been used to arrest a fall or it fails to pass inspection or there are any doubt as to its reliability.

I THE ESSENTIAL PRINCIPLES FOR USERS OF PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT:

- personal protective equipment shall only be used by a person trained and competent in its safe use.
- personal protective equipment must not be used by a person with medical condition that could affect the safety of the equipment user in normal and emergency use.
- a rescue plan shall be in place to deal with any emergencies that could arise during the work.
- being suspended in PPE (e.g. arresting a fall), beware of suspension trauma symptoms.
- to avoid symptoms of suspension trauma, be sure that the proper rescue plan is ready for use. It is recommended to use foot straps.
- it is forbidden to make any alterations or additions to the equipment without the manufacturer's prior written consent.
- any repair shall only be carried out by equipment manufacturer or his certified representative.
- personal protective equipment shall not be used outside its limitations, or for any purpose other than that for which it is intended.
- personal protective equipment should be a personal issue item.
- before use ensure about the compatibility of items of equipment assembled into a fall arrest system. Periodically check connecting and adjusting of the equipment components to avoid accidental loosening or disconnecting of the components.

IDENTITY CARD

It is the responsibility of the user organisation to provide the identity card and to fill in the details required. The identity card should be filled in before the first use by a competent person, responsible in the user organization for protective equipment. Any information about the equipment like periodic inspections, repairs, reasons of equipment's withdrawal from use shall be noted into the identity card by a competent person in the user organization. The identity card should be stored during a whole period of equipment utilization. Do not use the equipment without the identity card.

- it is forbidden to use combinations of items of equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
- before each use of personal protective equipment it is obligatory to 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.
- during pre-use check it is necessary to inspect all elements of the equipment in respect of any damages, excessive wear, corrosion, abrasion, cutting or incorrect acting, especially take into consideration:
 - in full body harnesses and belts - buckles, adjusting elements, attaching points, webbings, seams, loops;
 - in energy absorbers - attaching loops, webbing, seams, casing, connectors;
 - in textile lanyards or lifelines or guidelines - rope, loops, thimbles, connectors, adjusting element, splices;
 - in steel lanyards or lifelines or guidelines - cable, wires, clips, ferrules, loops, thimbles, connectors, adjusting elements;
 - in retractable fall arresters - cable or webbing, retractor and brake proper acting, casing, energy absorber, connector;
 - in guided type fall arresters - body of the fall arrester, sliding function, locking gear acting, rivets and screws, connector, energy absorber;
 - in metallic components (connectors, hooks, anchors) - main body, rivets, gate, locking gear acting.
- after every 12 months of utilization, personal protective equipment must be withdrawn from use to carry out periodical detailed inspection. The periodic inspection must be carried out by a competent person for periodic inspection. The periodic inspection can be carried out also by the manufacturer or his authorized representative.
- in case of some types of the complex equipment e.g. some types of retractable fall arresters the annual inspection can be carried out only by the manufacturer or his authorized representative.
- regular periodic inspections are the essential for equipment maintenance and the safety of the users which depends upon the continued efficiency and durability of the equipment.
- during periodic inspection it is necessary to check the legibility of the equipment marking. Don't use the equipment with the illegible marking.
- it is essential for the safety of the user that if the 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 language of the country in which the product is to be used.
- personal protective equipment must be withdrawn from use immediately when any doubt arise about its condition for safe use and not used again until confirmed in writing by equipment manufacturer or his representative after carried out the detailed inspection.
- personal protective equipment must be withdrawn from use immediately and destroyed (or another procedures shall be introduced according detailed instruction from equipment manual) when it have been used to arrest a fall.
- a full body harness (conforming to EN 361) is the only acceptable body holding device that can be used, in a fall arrest system.
- in full body harness use only attachment points marked with a capital letter "A" to attach a fall arrest system.
- the anchor device or anchor point for the fall arrest system should always be positioned, and the work carried out in such a way, as to minimise both the potential for falls and potential fall distance. The anchor device/point should be placed above the position of the user. The shape and construction of the anchor device/point shall not allowed to self-acting disconnection of the equipment. Minimal static strength of the anchor device/point is 12 kN. It is recommended to use certified and marked structural anchor point complied with EN795
- it is obligatory to verify the free space required beneath the user at the workplace before each occasion of use the fall arrest system, so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path. The required value of the free space should be taken from instruction manual of used equipment.
- there are many hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed during equipment utilization, especially:
 - trailing or looping of lanyards or lifelines over sharp edges, - any defects like cutting, abrasion, corrosion, - climatic exposure, - pendulum falls, - extremes of temperature, - chemical reagents, - electrical conductivity,
- personal protective equipment must be transported in the package (e.g.: bag made of moisture-proof textile or foil bag or cases made of steel or plastic) to protect it against damage or moisture.
- the equipment can be cleaned without causing adverse effect on the materials in the manufacture of the equipment. For textile products use mild detergents for delicate fabrics, wash by hand or in a machine and rinse in water. For energy absorbers use only a damp cloth to wipe away dirt. It's forbidden to immerse energy absorbers into the water. Plastic parts can be cleaned only with water. When the equipment becomes wet, either from being in use or when due cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat. In metallic products some mechanic parts (spring, pin, hinge, etc.) can be regularly slightly lubricated to ensure better operation.
- personal protective equipment should be stored loosely packed, in a well-ventilated place, protected from direct light, ultraviolet degradation, damp environment, sharp edges, extreme temperatures and corrosive or aggressive substances.
- Using the harness in connection with personal protective equipment agains falls from a height must be compatible with manual instructions of this equipment and obligatory standards:
 - EN353-1, EN353-2, EN355, EN354, EN360 - for the fall arrest systems;
 - EN362 - for the connectors;
 - EN1496, EN341 - for rescue devices;
 - EN795 - for anchor devices.

MODEL AND TYPE OF EQUIPMENT	
SERIAL/BATCH NUMBER	
REFERENCE NUMBER	
DATE OF MANUFACTURE	
DATE OF PURCHASE	
DATE OF FIRST USE	
USER NAME	

PERIODIC INSPECTION AND REPAIR HISTORY CARD

DATE OF INSPECTION	REASON FOR INSPECTION OR REPAIR	DEFECTS, CONDITION NOTED REPAIRS CARRIED OUT	NAME AND SIGNATURE OF COMPETENT PERSON	NEXT INSPECTION DATE

Manufacturer:
 PROTEKT - Starorudzka 9 - 93-403 Lodz - Poland
 tel. +4842 6802083 - fax. +4842 6802093 - www.protekt.com.pl

Notified body for EU type examination according to PPE Regulation 2016/425:
 APAVE SUD EUROPE SAS (no 0082) - CS 60193 - F13322 MARSEILLE CEDEX 16 - FRANCE

Notified body for control production:
 APAVE SUD EUROPE SAS (no 0082) - CS 60193 - F13322 MARSEILLE CEDEX 16 - FRANCE