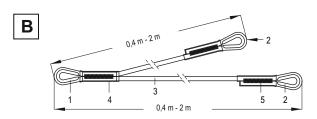
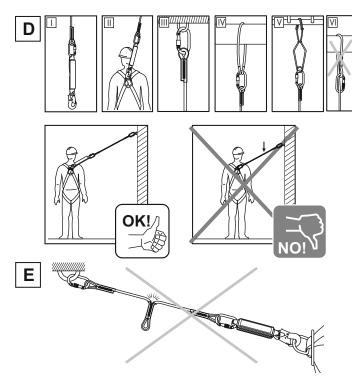


## **GB DOUBLE SAFETY LANYARD**



DOUBLE SAFETY LANYARD C LB 102 xx yy LENGTH: x,x m Serial number: XXXXXXX 4 -Date of manufacture: MM.RRRR 6 EN 354:2010  $\lceil \mid \mathbf{i} 
ceil$ **C** € 0082 -PROJEKI\*



EN - NOTE: Before use of this device please read and understand this instruction manual

## **DESCRIPTION**

· Twin-tail lanyard can be used as a component of fall protection equipment compliant with EN 354. Energy absorbing and connecting component, formed by universal lanyard connected to an energy absorber compliant with EN 355, connected to a full body harness compliant with EN 361 and attached to a structural anchor point compliant with EN 795, constitutes a full, basic protection of worker against fall from a height.

· Twin-tail lanyard can be used as a component of personal fall protection equipment as a restraint device preventing the user from getting into locations where risk of fall from a height is present.

Lanyard is made from polyester core kernmantle rope. Lanyard ends are formed by sewn attachment loops (one middle and two terminal loops) fitted with thimbles.

- Lanyard diameters:
   Ø10.5 mm ref. LB102
   Ø12 mm ref. LB122
- 1. terminal attachment loop with thimble
- 2. middle attachment loop with thimble
- 3. polyester core kernmantle rope
- 4. identity label

5. seam

C. MARKING

- 1. device type
- 2. reference number\*
- 3. length
- 4. serial number of lanyard
- 5. month and year of manufacture
- 6. number and year of European Standard regarding lanyard
- 7. note: before use read instruction manual
- 8. CE mark and number of notification body responsible for controlling manufacturing of the equipment.
- 9. manufacturer's or distributor's mark

\*) xx marking of length of device, for example: xx = 05 - 0.5 m long, xx = 20 - 2.0 m long

#### D. USE OF LANYARD AS ENERGY ABSORBING AND CONNECTING COMPONENT (EN 354)

- Connect middle attachment buckle of the lanyard to an energy absorber compliant with EN 355 - Fig. I. Use snap hooks compliant with EN 362.
- Connect this energy absorbing and connecting component to attachment buckle on front or back of full body harness, marked "A" - Fig. II.
- 3. 12 kN. Attach snap hook of terminal attachment loop to a structural anchor point with a strength min.
- directly Fig. III
- using additional attachment element compliant with EN 795 or EN 362 Fig. IV and V.
- it is forbidden to use lanyard in form of a clamp loop Fig. VI.

NOTE: Total length of the component (energy absorber + lanyard + snap hooks + attachment elements) cannot exceed 2 m.

Twin-tail lanyard without an energy absorber cannot be considered an energy absorbing and connecting component and must not be used as fall protection equipment. It is forbidden to connect full body harness to a structural anchor point using a lanyard without energy absorber.

#### REMARKS:

- $\cdot$  When determining free space below workplace, necessary for safeguarding, include length of the lanyard as an additional element extending the fall distance.
- With a risk of a fall, the user should minimise slack on the lanyard.
- The user must eliminate any situational risk (e.g. winding of the lanyard around the neck) so as not to get strangled when using the lanyard.
- The user should avoid routing the lanyard between structural elements or avoid risks of a fall onto a sharp edge (e.g. roof edge).
  - Lanyard can be used in temperatures between -45°C and 50°C.
- Do not use two lanyards with energy absorbers nearby (parallel to one another) at the same time.
- Free end of the twin-tail lanyard with energy absorber should not be connected to a full body harness
- E. ATTENTION: It is forbidden to connect one terminal attachment loop to an energy absorber, and the other to a structural anchor point

IT IS FORBIDDEN TO USE LANYARD FOR PURPOSES OTHER THAN SPECIFIED IN INSTRUCTION MANUAL

## F. PERIODIC INSPECTIONS

Lanyard 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 12months. Every periodic inspection must be recorded in the Identity Card of the equipment.

# MAXIMUM LIFESPAN OF THE EQUIPMENT

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

ATTENTION: The lanyard 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.

## 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.

#### 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.
- 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
  - 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, solices:
- 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 metalic 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 moistureproof 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.
- 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.

## 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

# **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 inthe 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.

	DEDIODIO IN	ODEOTION AND DEDA	ID LUCTORY OARD	
DATE OF INSPECTION	REASON FOR INSPECTION	DEFECTS, CONDITION NOTED	NAME AND SIGNATURE OF COMPETENT	NEXT INSPECTION
	OR REPAIR	REPAIRS CARRIED OUT		DATE
	I	I	l	I .