

USER INSTRUCTIONS



HT-511 - EN355:2002, EN354:2018, EN362:2004

Certification Body : APAVE SUDEUROPE SAS 17,boulevard Paul Langevin 38600 FONTAINE-FRANCE
[Design&Production Control] : IDENTIFICATION NO.0082

The Lanyard is classed as a Personal Protective Equipment (PPE) by the European Regulation(EU) 2016/425 and has been shown to comply with this Directive through the Harmonized European EN 355, EN 354&EN 362

CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS LANYARD

This Lanyard is designed to minimise the risk of /provide protection against the danger of falling from heights. **However ,always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk relation activity.**

PERFORMANCE AND LIMITATIONS OF USE

This Energy absorber including a Lanyard has been tested in according with EN 355:2002 and has achieved the following performance levels:

EN355:2002&EN354:2002 &EN362:2004test	Result/Comment
Clause 4.1 Design and Ergonomics Clause 4.2 Materials and construction Clause 4.3 Static preloading Clause 4.4 Dynamic performance Clause 4.5 Static strength	Energy absorber was found to PASS the performance requirements stated in EN 355:2002 Lanyards with incorporated energy absorber conform to EN 354:2018 Connectors conform to EN 362 Permanent extension caused by activation of the energy absorber after 2 KN preloading shall not be greaterthan 50 mm When tested with a rigid steel mass of 100kg. Energy absorber shall withstand 15 KN without tearing or rupture.

POSSIBLE USAGE:

This lanyard can be used as a part of a fall arrest system or as a part of a restraint system .If using as a part of fall arrest system ,a suitable anchor point(above the user's head at least 12 KN)Shall be used with this lanyard.

LIMITATIONS:

1. Lanyard should be the personal property of its user.
2. The strength of the anchor device should be greater than 12kN in accordance with EN795:2012 and the anchor point be suitable above the user's head.
3. A Lanyard without an energy absorber should not be used(with full body harness)as a fall system,
- 4.It should NOT be used in highly acid or basic environments.
5. The lanyard should be used by a trained competent person or used by some under the direct supervision of such a person.
- 6.The maximum length of lanyard including all components like Energy Absorbers ,Connectors &terminations should not exceed 2meter.

FITTING & SIZING:

- Step 1: Connect the karabiner attached to the energy absorber of the lanyard to the attachment element of the full body harness .Ensure that the karabiner is locked tightly.
- Step 2: Connect the other end Scaffold hooks to anchorage points .Ensure that the scaffold hooks are locked tightly.

INSTRUCTION TO BE FOLLOWED BEFORE USE:

Inspect the lanyard for any rupture or damage to rope ,particularly the splicing of the rope at the ends should be intact. There must not be any cuts or abrasion marks on the lanyard .Also ensure that both the connectors are in proper functioning.

Ensure the compliance with recommendations for use as applicable to the combination with other components of the fall arrest and specified on the identification card the fall arrest system or component concerned .Make sure that the connectors used are correctly attached to the loop and that they are locked.

A rescue plan must to be in place before the product is used.

it is an essential requirement to check the legibility of the product markings.

WARNING:

- 1.Do not use the lanyard as a fall arrest component directly . It is to be used only as a connecting element.
- 2.in case of any doubt arising about the safety of the lanyard ,it should be replaced immediately on consultation with an expert.
- 3.Withdraw from use any lanyard that was subjected to a fall from a height.
- 4.The arrest distance must be calculated before use. Add the lanyard length +worker height +energy absorber extension of 1.75m+harness displacement of 0.2m+1msafety Clearance.Generally,6.75mtr clearance is required
- 5.The maximum length of the lanyard including all components like Energy Absorber ,Connectors & terminations should not exceed 2mtrs.
- 6.A lanyard without an energy absorber must not be used in or as a fall system.
- 7.There is a need for regular periodic examination of the equipment as the safety of the users depends upon the continued efficiency and durability of the equipment

PROTECTION OF THE LANYARD DURING USE:

- Ageing due to cold ,heat ,moisture and direct sunlight
- Deterioration due to chemical such a soils ,acids ,solvents and sea water.
- Inappropriate choice of the lanyard in relation to the risk concerned eg. use the lanyard as a fall arrest component.
- Inappropriate combination with other equipment
- Use of a person lacking in sufficient safety awareness/training
- Unnecessary physical loading (static or dynamic)
- Improper use by untrained persons
- Deterioration through mechanical wear ,water or soiling
- Inappropriate storage ,maintenance or cleaning.

PROTECTION AGAINST HAZARDS DURING USE:

While using the lanyard as a connection element ,make sure that they are not positioned in such a way that the user trips over it. While using the lanyard ,any sharp metallic object near it can cause abrasion and destroy the lanyard.

COMPATIBILITY :To optimize protection ,In some Instance it may be necessary to use the harness with suitable boots/gloves/helmets/ ear defenders. in this case ,before carrying out the risk-related activity ,consult your supplier to ensure that all your protective products are compatible and suitable for your application.

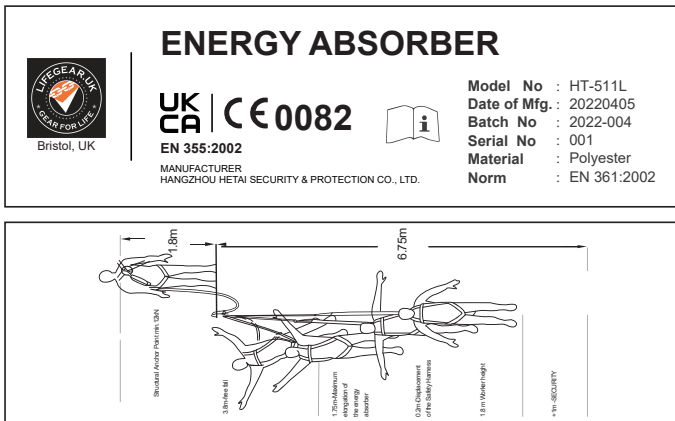
STORAGE AND TRANSPORT :When not use ,store the harness in a well ventilated area away from extremes of temperature .Never place heavy items on top of it .If possible avoid excessive folding and preferably store it hanging vertically .if the products is wet ,allow it to dry naturally and fully before placing it into storage

REPAIR: if the product becomes damaged ,it will Not provide the optimum level of protection ,and, therefore, should be immediately removed from service and replaced. Never use a damaged product Repairing is NOT permitted.

CLEANING: Incase of minor soiling ,wipe the lanyard with cotton cloth or a soft brush .Do not use any abrasive material .For intensive cleaning wash the lanyard in water at a temperature of 30 C Max. and with a neutral detergent(pH+7).The washing temperature should not exceed 30 C .Do not use acid or basic detergents .After becoming wet ,dry the item naturally away from open fire or other source of heat.

LIFESPAN: The functional life of the lanyard is determined by work conditions and maintenance .As long as the product has passed the inspection criteria , It may remain in service for a maximum period of 10 years from the date of manufacture.

MARKING ON LANYARD



The Lanyard and Energy Absorber are marked with:

- (i) The CE mark showing that the product meets the requirements of the European Regulation (EU) 2016/425 CE 0082
- (ii) Identification of the Manufacturer
- (iii) Type or product Code
- (iv) Batch/ Lot No.
- (v) Serial No.of the Harness
- (vi) Material
- (vii) Year of Manufacture

Check Card

it is recommended that the lanyard should be inspected and examined by a competent person for any damages or failure if the need a rises,but at least once a year .The observation should be recorded in the table below.in case such damages are observed ,the lanyard is to be replaced immediately .The functional life of the lanyard is determined by work conditions and maintenance .As long as the product passes inspection criteria ,it may remain in service up to a maximum period of 10 years from the date of manufacture The lanyard shall only be used within a fall arrest system according to EN 363:2018 or a full body harness according to EN 361:2002The instructions for use for the individual components are to be observed.

NOTE : Emergency &Medical Information :

Is it appropriate to request medical and other information to assist an individual/harness user with a disability in an emergency? Employer is permitted to ask employees to self identify and indicate if assistance will be need during an emergency under the following circumstances:1)After making a job offer but before work begins 2)By means of periodic surveys of all current employees/user ,as long as employer makes it clear that self identification is voluntary and explains the purpose for requesting the medical information 3)By asking employees with know disabilities whether they will require assistance in an emergency Employer will inform all people who are asked about their possible need for emergency assistance that the information they provide will be kept confidential and shared only with people who have responsibilities under the emergency preparedness plan.

NOTE: Official Language of the Country

it is essential and responsibility of the reseller ,for the safety of the harness user that if the product is re-sold outside the original of destination the reseller shall provide Instructions for use ,for maintenance ,for periodic examination and for repair in the official local language of the country in which the product is to be a old and finally used.

SERVICE AND INSPECTION RECORD

Date	Damage Observed	Repair	Comments
------	-----------------	--------	----------

IDENTIFICATION

1. Type	5. Date of Purchase
2. Identification Mark	6. Date of First Use
3. Batch No.	7. Name of User
4. Year of Manufacture	8. Comments

Next Inspection Due on: