SpanSet®

Dynamic Self-Retracting Lanyard

Height Safety
Lifting
Load Control
Safety Management

Product Name:
Dynamic Self-Retracting Lanyard
Order Code:
FAR-11G04 (Karabiners)
FAR-11G10 (Scaffold Hooks)

What is it?
(Product Description):
This is an innovative solution combining the benefits of energy absorbing lanyards and self-retracting lifelines. Two small self-retracting lifeline units are combined with an energy absorbing pack to create a "double legged" lanyard. This device is CE certified to EN360 and complies with the dynamic performance requirements of EN355. The Dynamic Self-Retracting Lanyard is used as the connecting element between your full body harness and anchor point.

What can it be used for?
(Intended Function):
The Dynamic Self-Retracting Lanyard has been designed and tested to absorb the forces of a fall; this means that it is intended to be used as part of a Fall Arrest System for climbing and accessing unprotected structures. The energy absorbing unit allows connection to low level anchors up to 2m below your harness attachment point. Double legged lanyard construction allows you to move safely between anchor points and around structures. By including self-retracting units the lanyards will also retract as you fall to help limit any free fall distance before the energy absorber activates.

What can I use with it? (Compatibility):
The Dynamic Self-Retracting Lanyard is compatible with the following equipment and their associated systems;
The 1-X / Ergo 1 Point harness
The 2-X / Ergo 2 Point harness
The EXCEL harness range
Horizontal Safety Lines
If you are unsure of any equipment and its compatibility with the Dynamic Self-Retracting Lanyard please contact SpanSet Ltd.

Who can use it?
(Competence, Size and Adjustment):
Work at height can be a high risk activity. It is therefore essential that all Users are competent in the pre use inspection, fitting / adjustment and use of this item.
The Dynamic Self-Retracting Lanyard has a maximum working length of 2m when fully extended by the worker. The working length is automatically reduced to its minimum as you change your position in relation to the anchor point.
The Dynamic Self-Retracting Lanyard has been design and tested for workers up to 140kg in body weight.

How long will it last?
(Maintenance, Inspection and Lifespan):
The lifespan of the Dynamic Self-Retracting Lanyard is limited by the following;
The product has a maximum shelf-life of 10 years from the date of manufacture.
The lifespan may also be reduced by the effects of damage or wear and tear and so it must be subjected to thorough examination at regular intervals.

Dynamic Self-Retracting Lanyard

The product must be removed from service after a fall has been arrested.

The lifespan will cease at the point when any one of these conditions are met.

The condition of the product must be controlled in accordance with BS8437:2005, this requires regular inspections to be carried out by a competent person.

How has it been tested?
(Relevant Standard and Quality Assurance):
The Dynamic Self-Retracting Lanyard is CE marked under the Personal Protective Equipment Directive.
The CE marking process includes independent testing to:
EN360:2002 – Personal protective equipment against falls from a height. Retractable type fall arresters

In addition to this the notified test house have conducted test in accordance with dynamic performance requirements of:
EN355:2002 – Personal protective equipment against falls from a height. Energy absorbers

The SpanSet manufacturing process is quality controlled and audited by the British Standards Institute to the international standard for quality management ISO9001:2008.

What is it made from and why?
(Specification and Materials):
17mm Polyester coated Vectran Web Lifeline

- *High Abrasion resistance*
- *High Temperature resistance*
- *High Strength to weight ratio*
- *Rated over an edge - $\geq 0.5mm$*

Two compact retracting units

- *Limits free fall distance, reducing clearance height requirement*

Unique Construction of Energy Absorbing Unit stores discreetly on rear of harness

- *Does not affect the working length or mobility of the lanyards*
- *Ensures impact forces below 6kN for workers up to 140kg*
- *Aluminium Triple action karabiner to harness*

Robust Steel Scaffold Hook for anchorage

- *Connected via a swivel to the lanyard, preventing twists*
- *Captivated onto lanyard to prevent loss*

Additional SpanSet Features:
Individual Serial Numbering – All SpanSet Height safety products are individually serial numbered for traceability.
Lanyards supplied with Harness Parking Point to avoid the risk of attaching anchor hooks directly to the harness.

What paperwork is supplied?
(Product Records and Information):
Individual Product History Card – This record card contains all the documentation required to maintain the product. The front forms the European Declaration of Conformity and the table on the reverse can be completed to form the inspection record.
Pocket Inspection Guide – This simple to follow pocket card identifies the key areas requiring inspection.

What training is required?
(Competency):
Although in itself this is a simple item to use, there are three stages that should be considered as part of the process as a whole. Training is available for all the stages outlined at the SpanSet training school in Middlewich or subject to suitability on a site of your choice:
Assessment and planning – Training Module 9 Management of Work At Height
Use – Training Module 1 Height Safety Equipment Appreciation and Inspection followed by an appropriate practical module.
Inspection and Maintenance – Training Module 1 and Module 7 Competent Person Practical Inspection & Record Keeping.
All training for work at height is conducted in accordance with BS8454:2006 and is audited as part of our ISO9001:2008 quality management system.
For additional information on training please got to www.spanset.co.uk or Email: training@spanset.co.uk
Book online 24/7 - www.cbs-spanset.co.uk

What if I need to know more?
(Further Information):
If you have any specific questions that have not been answered you should contact the SpanSet customer services department. Tel: 01606737494