

# WEB HLL

## HORIZONTAL LIFELINE

TECHNICAL DATA & SELL SHEET - ISSUE 1

### NYLON STORAGE BAG

Allows for easy transportation & storage.

### 10M OR 20M WEB LIFELINE

Allows workers to access a large working area.

### KARABINERS INCLUDED

Double-locking karabiner with 16 kN strength gate.

### REMOVABLE HANDLE

Ergonomic ratchet handle is removable to prevent tampering after installation

### TWO 1.8M CROSS ARM STRAPS

Serve as anchorage for both ends of HLL. Also compatible with variety of other anchorage connectors.

### STRONGHOLD TETHER

Tethers handle to suitable anchor to prevent drops

### INCLUDES O-RINGS

Two O-rings for easy connection and smooth movement along webbing.

### VISUAL TENSION INDICATOR

Tension HLL until indicator shows green – no measuring needed.



shown 14663

**Length:** 10m or 20m

**Webbing:** Double-Braided Polyester

**Cross Arm Straps:** Double-Braided Polyester & Galvanised Steel

**O-Rings:** Zinc-Plated Steel

**Tensioner:** Zinc-Plated Steel

**Capacity (per user):** 59-140 kg.

FOR MORE INFO, PLEASE CALL +44 (0) 1795 580 333 OR VISIT [GUARDIANFALL.COM](http://GUARDIANFALL.COM)

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### Standards

- EN 795:2012 Type B
- Additionally meets EN795:2012 Type C, PD CEN TS 16415:2013 Type B & C, and RfU 11.096 (for compatibility with GR1.8/ATOM-X and GR3/FAB3W)



#### Performance:

- Maximum Users: 2

#### Notes:

- If HLL anchorage is installed below worker's harness dorsal D-ring, worker must use equipment explicitly certified for use with the calculated freefall.
- Not for simultaneous use in Fall Arrest & Fall Restraint.
- Always make sure to account for HLL lifeline deflection when calculating total fall clearance requirements.

### Applications



**Personal Fall Arrest:** Web HLL may be used to support a MAXIMUM 2 Personal Fall Arrest System (PFAS) for use in Fall Arrest applications. Maximum free fall is 1.8m, or up to 3.6m if used in combination with equipment explicitly certified for such use. When the Web HLL is to be used as part of a fall arrest system the user must be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 6kN. During a fall, the Web HLL will deploy an extending energy absorber designed to reduce peak loads to anchorage structures, thereby increasing the length of the anchorage line. Extra care and consideration should be taken when determining the suitability of other types of fall protection systems which may be affected by the deployment of the integrated lifeline energy absorber.

#### For all applications:

- User weight range (including all clothing, tools, and equipment) is 59-140 kg per worker.
- Structure must be capable of withstanding a minimum load of 20 kN (for one user) or 22 kN (for two users).
- Anchorage connectors to which Web HLL is attached must be capable of withstanding a minimum load of 19.4 kN.
- Maximum load that could be transmitted in service from the anchorage connector to the structure: 13.4 kN.
- Loading of the structure will be in-line/parallel with the Web HLL lifeline.

Prod. Code	Description	Length	User Weight
14663	Web Horizontal Lifeline	20m	59-140 kg
14665	Web Horizontal Lifeline	10m	59-140 kg