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Ferreterro India specializes in lifting and load securing. We manufacture lifting equipments upto 700 tons SWL , lashing systems for safe transit of goods and fall protection equipments with stringent quality measures . We manufacture systems with latest technology computer aided machines, Embedded softwares , Product design expertise, state of art manufacturing, rich experience and most importantly , continuous drive to innovate & simplifying things. Keeping Safety as our utmost priority we believe in. **SAFETY SIMPLIFIED.**

QUALITY POLICY

To provide quality products and value for money in segment of market/customers, we cater to, we are and will continue to be a customer oriented organization, accomodating customer request and adressing their complaint with minimum ado based in principal of trust and systems, with a view to ensure safety and total customer delight.

We will continually improve our systems, process and methods of delivery.



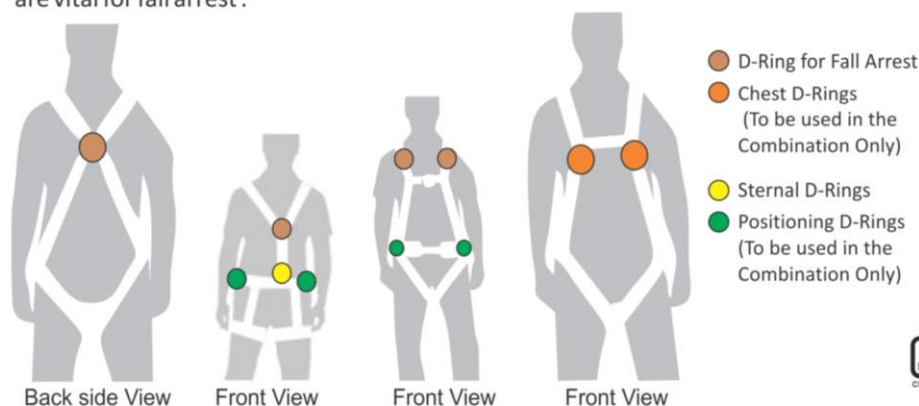
FULL BODY HARNESS

A Full Body Harness must support the user in a comfortable working without restricting functions of other devices in the systems and in case of fall from height it should be distributes the impact force incurred on the body. Harness is designed to minimize 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. The Full Body Harness should only be used in conjunction with a fall arrest system. The Lanyard should connect with Dorsal D-Ring of Full Body Harness and the other end should be connected to the anchorage point which should be situated above the user. The anchorage point should have strength greater than 15 kn.

FERRETERRO use Polyester Material for the construction of webbing for safety Harness and Lanyards. The user does not risk of Slipping out of Harness when fall from Height because our Harness does not elongate dangerously due to Least elongation properties of Polyester as compared to the other material or synthetic Fiber.

CHOOSE THE RIGHT HARNESS

You should choose your harness/equipment which suits according to your work. The Dorsal D-Ring is the point to attachment to use for Fall Prevention/ Fall Arresting .The anchorage point on the front of the Safety Harness are use as Fall arrest measures during access (Ascent using a glider on a rope, or with a system fixed to a cable or a rail) or during work on such features as inclined roof. Less often, the anchorage points on the frontof the harness may be used for rescue, or when work is carried out in confined spaces. Work on rope is undertaken using the D-Ring or specially design Sternal D-Ring located on the abdominal area. If the work to be carried out requires the use of a positioning Lanyard, You should choose a Harness that include a positioning belt as well as the anchorage point that are vital for fall arrest .





ESSENTIALS

INSPECTION

Before using the products, a throughout visual inspection should be must.

This visual inspection should:

Webbing: Check the webbing of safety belt for signs of any cut, any abrasions, tears, burns, fraying, any chemical reaction or colour fading of webbing.

Thread: Check all the stitching for signs of any loose threads, cut or pulling of threads. Stitching pattern must be identical on both sides. DO NOT USE the full body harness/ Connecting Lanyard, if due to any reasons the stitching pattern is not clearly visualize.

Metal Parts: All the metal parts (i.e D-Ring, Hooks, Buckles etc.) must be free from any rusting, distortion, excessive wear or cracks.

DO NOT USE & DESTROYED the product, if during the inspection any part of the Fall Protection Systems is faulty.

HOW TO WEAR



STEP 1

Hold harness up by shoulder straps and ensure leg straps hand free



STEP 2

Pass arms through shoulder straps



STEP 3

Connect chest buckle



STEP 4

Adjust shoulder straps so rear 'D' sits between shoulder blades



STEP 5

Pull harness down at the back so sub pelvic strap sits under the buttocks



STEP 6

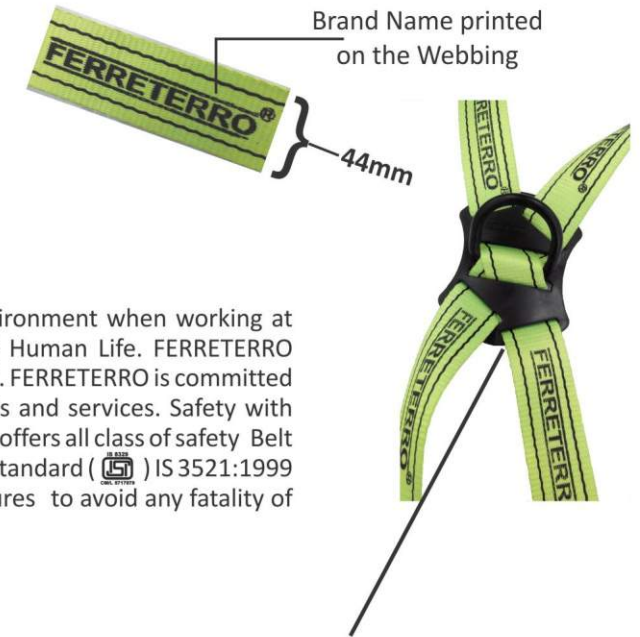
Connect leg buckles and adjust to a snug fit



FULL BODY HARNESS



Protecting workers at Height requires a holistic approach that extends beyond standards and regulations. Meeting new or established standards for safety requirements and product performance provides a starting points



FERRETERRO assure a safe environment when working at height because we understand Human Life. FERRETERRO Brand is name more than a word. FERRETERRO is committed to provide best quality products and services. Safety with simplicity is our main motto. We offers all class of safety Belt & Harness confirming to Indian Standard (IS 3521:1999) which covers all the safety features to avoid any fatality of such events.

Special Design and High resistant back Plate made of Nylon 66 for best griping of D-ring and webbing even after fall.

FULL BODY HARNESS: For Basic Fall Arrest (Class-A)

Anchor Element: One dorsal attachment D-ring of forged alloy steel for Fall Arrest.

Adaptability: Adjustable Chest & Thigh Straps.

Convenience: Shoulder & Thigh Straps differentiated by a dual color scheme.

Ergonomics: Ideally positioned sit strap to provide extended comfort

Size / Breaking Strength: Universal / 25 kN (Min.)



FL-FBH-03



FULL BODY HARNESS

FULL BODY HARNESS: For Controlled Descent(Class-D)

Anchor Element: One dorsal attachment D-ring of forged alloy steel for Fall Arrest. One Sternal D-Ring at Front (For use in the event of **Controlled Descent** from a height).

Adaptability: Adjustable thigh strap.

Convenience: Shoulder & Thigh Straps differentiated by a dual color scheme.

Ergonomics: Ideally positioned sit strap to provide extended comfort .

Size / Breaking: Universal / 25 kN (Min.)
Strength:



FL-FBH-01

FULL BODY HARNESS: For Safe Entry & Exit in Confined Space (Class-E)



FL-FBH-06

Anchor Element: One dorsal attachment D-ring of forged alloy steel for Fall Arrest. Two D-Rings, one on each shoulder strap for easy entry & exit into confined spaces.

Adaptability: Adjustable Chest & thigh strap.

Convenience: Shoulder & Thigh Straps differentiated by a dual color scheme.

Ergonomics: Ideally positioned sit strap to provide extended comfort

Size / Breaking: Universal / 25 kN (Min.)
Strength:



FULL BODY HARNESS

FULL BODY HARNESS: For Ladder/ Tower Climbing (Class-L)

Anchor Element: One dorsal attachment D-ring of forged all steel for Fall Arrest. Two chest attachment D-Rings for Ladder/ tower climbing.

Adaptability: Adjustable thigh strap.

Convenience: Shoulder & Thigh Straps differentiated by a dual color scheme.

Ergonomics: Ideally positioned sit strap to provide extended comfort .

Size / Breaking: Universal / 25 kN (Min.)
Strength:



FL-FBH-05

FULL BODY HARNESS: For Positioning (Class-P)



FL-FBH-04

Anchor Element: One dorsal attachment D-ring of forged alloy steel for Fall Arrest. Two Lateral D-Rings at the waist level, one at each side (Help in positioning the worker so that he can work with both hands free. Adjustable Chest & thigh strap.

Adaptability:

Convenience: Shoulder & Thigh Straps differentiated by a dual color scheme.

Ergonomics: Ideally positioned sit strap to provide extended comfort

Size / Breaking: Universal / 25 kN (Min.)
Strength:



WEBBING LANYARDS

FERRETERRO Brand Webbing Lanyard are made of High Tenacity Polyester yarn in 44 mm width. The loops at the ends are protected with abrasion resistant cover to prevent the webbing from any cutting or damage due to direct contact of metal parts. Our Webbing Lanyards have a min. breaking strength of 23 kN.

We offer webbing Lanyards with different combination of connectors in different Length i.e 1 mtr., 1.5 mtr., 1.8 mtr and 2 mtr.

Brand Name printed on the Webbing



FL-WL-101

Both Side Loop



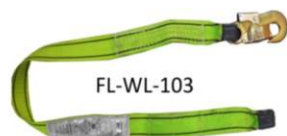
FL-WL-102

One Side Loop
Other side Karabiner



FL-WL-1022

Both Side Karabiner



FL-WL-103

One Side Loop
Other side Snap Hook



FL-WL-1032

One Side Snap Hook
Other side Karabiner



FL-WL-1033

Both Side Snap Hook



FL-WL-104

One Side Loop
Other side Scaffolding
Hook



FL-WL-1042

One Side Scaffolding
Hook
Other side Karabiner



FL-WL-1043

One Side Scaffolding
Hook other Side Snap
Hook



PP ROPE LANYARDS

FERRETERRO Brand Rope Lanyard range have the following features:

- They are made of 12 mm dia 3 strands Poly-Propylene (PP) Rope with black tracer which loses its colour due course of time, to show that Lanyard is now unfit for further use.
- The spliced end is protected with a heavy duty/ Strong transparent covering sheet. This sheet is not only gripping tightly the splicing but also protect it and makes the splicing visible for easy inspection before use.
- In Our PP Rope Lanyards, the loops at the end are protected by an abrasion resistant thimble which are made of Nylon 66 material. This prevent the rope from being damaged by the direct contact of metal parts.
- Our Webbing Lanyards have a min. breaking strength of 23 kN.

We offer webbing Lanyards with different combination of connectors in different length i.e 1 mtr., 1.5 mtr., 1.8 mtr and 2 mtr.



FL-PPRL-101

Both Side Loop



FL-PPRL-102

One Side Loop
Other side Karabiner



FL-PPRL-1022

Both Side Karabiner



FL-PPRL-103

One Side Loop
Other side Snap Hook



FL-PPRL-1032

One Side Snap Hook
Other side Karabiner



FL-PPRL-1033

Both Side Snap Hook



FL-PPRL-104

One Side Loop
Other side Scaffolding
Hook



FL-PPRL-1042

One Side Scaffolding
Hook
Other side Karabiner



FL-PPRL-1043

One Side Scaffolding
Hook other Side Snap
Hook

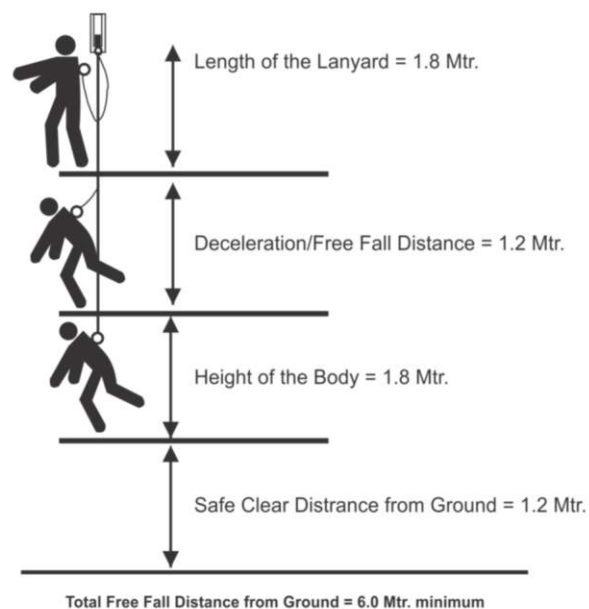


ENERGY ABSORBER



FERRETERRO Brand Energy Absorber made with white inner Polyamide core called TEAR WEBBING which absorbs the arresting forces or impact forces which comes on body or on Full Body Harness in the event of a Fall. Tear Webbing is sticched with our coloured 44 mm webbing which serves as a back up. The entire unit is covered with a transparent protective cover which helps in fast and easy visual inspection of energy absorber as well as the Lable.

The ENERGY ABSORBER reduce the impact of the Fall to <6kN.



The well known facts that impact force are proportional to Free Fall Distance i.e in the event of fall, A high impact force will occurs on the Human Body due to sudden stop caused by Fall Arrest systems/ Lanyards.

(Higher Free Fall Distance=Higher impact Force).

In the event of fall, the energy absorber fritter away the kinetic energy and control the deceleration. The tear webbing elongate through on its webbing and stitching. Due to this action, The impact force will be in control and will be , 6kN.

This is recommended that always use Energy Absorbing Lanyards when working on height on 6 Mtr. Or above. Read the Instruction Manual before use.



SAFETY NET



Ferreterro also offers the best quality Safety Net solution for the construction industries to enable the worker to work in safe environment and effectively at height.

In construction area, Safety Nets prevents serious accident, even the fatalities when working at height when providing a collective level of protection.

FERRETERRO Brand Safety Nets made from High Strength ISI Polypropylene Rope which withstands the required Load. Due to our special knotting of the meshes, our safety nets have effective shock absorption and hence minimizing any impact related injury on to the worker.

We also offer overlay net along with other sizes as required.

We offer safety nets with the mesh size 25 mm, 50 mm and 100 mm.

We use 12 mm Polypropylene Rope as a cord rope with the length of 2 Mtr. @ every 1.5 Mtr. Level.





WEB LADDERS

Also available in
FR Webbing Ladder



We manufacture web ladders upto 300 meters long with connectors to make the ladder flexible to go upto any length required. Different variety of rungs of Aluminum alloy or Carbon fiber makes them upto 3 times lighter in weight compared to pp rope ladders. The non slip and load bearing pattern makes it best product to be used in confined spaces, mine access, scaffolding roofing, oil and gas and lowering purpose. The weight carrying capacities can go upto 2 tons so it is most ideal ladder for rescue operations, paramilitary forces and mountaineering usages. We manufacture the same in bright colors for distant locations and camouflage prints for army applications.

Advantages:

- Lightweight • Staggered rungs • Rigid and reinforced • Easy anchorage
- Easy installation • Water and acid proof
- Spark resistant for gas chambers available on request.



Estd. 1910

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