



HoldZee

Where Comfort meets Protection



THE A, B, C, D OF FALL PROTECTION

The A, B, C, D of Fall Protection covers the fundamental requirements of every personal fall protection system.

A - ANCHORAGE

Anchorage provides a secure point of attachment (to an existing structure) for the fall arrest system. Anchorage devices can be permanent or temporary and vary to suit the type of structure available.

B - BODY SUPPORT

Full body harnesses connect the worker to the fall arrest system. They are specially designed to protect the worker against serious injury in the event of a fall whilst also remaining comfortable to wear.

C - CONNECTORS/CONNECTING DEVICE

Connectors are intermediate attachment/devices that connect the full body harness to the anchorage system. They can be single products or multiple devices working together.

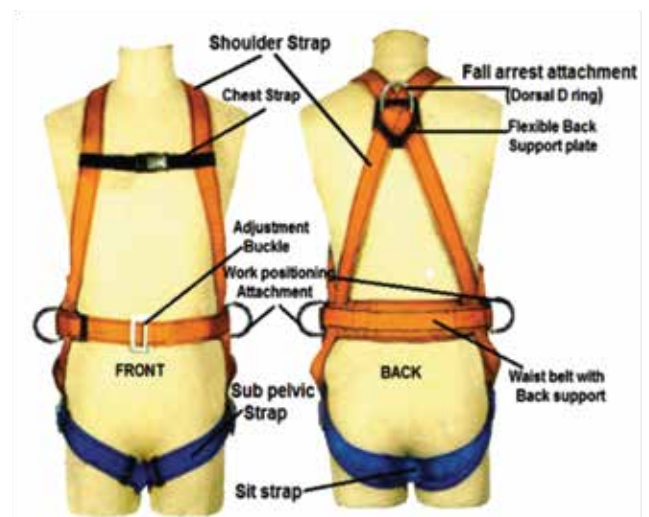
D - DESCENT/RESCUE





Descent and Rescue systems enable the retrieval of an injured or incapacitated worker. In the event of a rescue, this equipment facilitates rapid recovery of the worker without endangering other workers in the process.

KNOW YOUR HARNESS

A full body harness is an important part of fall protection system. Used as a Body Support which protects the wearer during or after fall from a height. Ergonomically designed, fall arrest harness ensures the distribution of force of impact is spread out equally across the whole body.

HOLDZEE offers a wide range of full body harness made of excellent quality of dope dyed polyester webbing. All the metal parts like D-rings, buckles etc. are made of rust resistant zinc/ chrome plated steels, for longer and safer use. HOLDZEE full body harness is also equipped with unique features like fall indicator, reflective tape etc. and truly meets the national and international standards.



| MODEL NO. / ART. NO | STYLE | POSITION & NO. OF D RING / ANCHOR POINT | | | |
|------------------------|-------------|---|--|---|--|
| | | DORSAL  | FRONTAL  | SHOULDER  | WAIST  |
| HZ-901 | Vest | 1 | 0 | 0 | 0 |
| HZ-902 | Vest | 1 | 1 | 0 | 0 |
| HZ-903 | Vest | 1 | 0 | 2 | 0 |
| HZ-904 | Vest | 1 | 1 | 0 | 0 |
| HZ-905 | Vest | 1 | 0 | 0 | 2 |
| HZ-906 | Vest | 1 | 1 | 2 | 2 |
| HZ-9101 | Vest | 1 | 1 | 2 | 2 |
| HZ-9102 | Sit harness | 0 | 1 | 0 | 2 |
| HZ-9103 | Waist Belt | 0 | 0 | 0 | 2 |

▶ HZ- 901

FEATURES

- Adjustable chest, shoulder & thigh straps.
- Single dorsal attachment Metallic D ring for Fall arrest.
- Comfortable - ideally positioned Sub pelvic strap as added advantage
- Easy detachable - Quick - Connect buckles.
- Sizes - Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-902

FEATURES

- Adjustable chest, shoulder & thigh straps.
- One front chest attachment Metallic D rings and a dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick - Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 Class D

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-903

FEATURES

- Adjustable chest, shoulder & thigh straps.
- Two Shoulder attachment sliding Metallic D rings and a dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes - Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 Class E

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-904

FEATURES

- Adjustable chest, shoulder & thigh straps.
- Two front chest attachment Metallic D rings and a dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 Class L

EN 361:2002

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-905

FEATURES

- Adjustable chest, shoulder & thigh straps.
- Two waist attachment Metallic D rings for work positioning and a dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 Class P

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Electrical work, Tower Work, Warehousing, Maintenance.



▶ HZ-906

FEATURES

- Adjustable thigh straps.
- Single Dorsal attachment Metallic D rings for fall arrest and two front attached D ring for fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 Class-L

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-907

FEATURES

- Adjustable chest, shoulder & thigh straps.
- A dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-908

FEATURES

- Adjustable chest, shoulder & thigh straps.
- One front chest attachment Metallic D rings and a dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.



▶ HZ-909

FEATURES

- Adjustable chest, shoulder & thigh straps.
- Two front chest attachment Textile loop anchor and a dorsal attachment D ring for Fall arrest.
- Sub pelvic strap for added comfort.
- Quick-Connect buckles.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing, Maintenance.





HOLDZEE FULL-BODY HARNESS

▶ HZ-9101

FEATURES

- Comfortable and versatile.
- Adjustable shoulder, thigh straps and waist belt.
- Single Dorsal, Sternal, Ventral and Two lateral attachment Metallic D rings for fall arrest, rope access and work positioning.
- Comfortable padding on shoulder, waist, and around thighs.
- Quick-Connect buckles for easy donning.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361 :2002
EN 358:1999 EN 813:2008

APPLICATION/MARKETS

- Fall Arrest, Work positioning & Rope Access
- Rescue, work positioning, Scaffolding, Construction, Ladder work, Tower Work.



▶ HZ-9102

FEATURES

- Adjustable shoulder, thigh straps and waist belt
- Single Dorsal & Ventral D-ring, two lateral attachment Metallic D rings for fall arrest, rope access and work positioning.
- Can be easily donned by shoulder straps using a simple karabiner with the ventral chest straps.
- Comfortable padding on waist and around thighs.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002
EN 358:1999 EN 813:2008

APPLICATION/MARKETS

- Fall Arrest, Work positioning & Rope Access
- Rescue, Rope access, Scaffolding, Construction, Ladder work, Tower Work.



▶ HZ-9103

FEATURES

- Adjustable chest, shoulder, thigh straps and waist belt
- Single dorsal and sternal attachment D ring for Fall arrest, two lateral attachment D rings for work positioning.
- Comfortable padding on waist.
- Quick-Connect buckles for easy donning.
- Sizes- Universal.
- Coated Hardware for corrosion resistance

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002
EN 358:1999

APPLICATION/MARKETS

- Fall Arrest and Work positioning
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing. Maintenance.



▶ HZ-9104

FEATURES

- Adjustable chest, shoulder, thigh straps and waist belt.
- Two front attachment D rings and a dorsal attachment D ring for Fall arrest, two lateral attachment D rings for work positioning.
- Comfortable padding on waist for long duration work
- Quick-Connect buckles for easy donning.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002
EN 358:1999

APPLICATION/MARKETS

- Fall Arrest and Work positioning
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Maintenance.



▶ HZ-9105

FEATURES

- Adjustable chest, shoulder, thigh straps and waist belt
- Two front attachment textile loop and a dorsal attachment D ring for Fall arrest. two lateral attachment D rings for work positioning.
- Comfortable padding on waist for long duration work
- Quick-Connect buckles for easy donning.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002
EN 358:1999

APPLICATION/MARKETS

- Fall Arrest and Work positioning
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Maintenance.



▶ HZ-9106

FEATURES

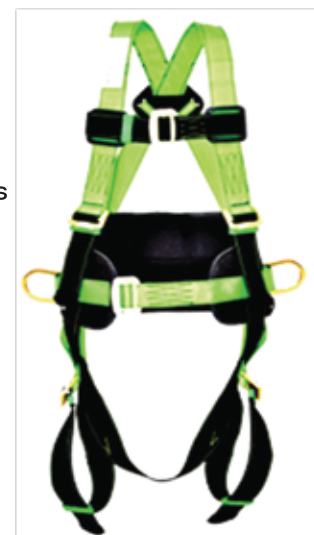
- Adjustable chest, shoulder, thigh straps and waist belt
- Single dorsal attachment D ring for Fall arrest, two lateral attachment D rings for work positioning.
- Comfortable padding on waist for long duration work
- Quick-Connect buckles for easy donning.
- Sizes- Universal.
- Coated Hardware for corrosion resistance.

APPROVALS/STANDARDS

IS 3521:1999 EN 361:2002
EN 358:1999

APPLICATION/MARKETS

- Fall Arrest Harness
- Roofing, Scaffolding, Construction, Ladder work, Tower Work, Warehousing. Maintenance.



► HZ- 9107 Sit Harness

FEATURES

- Adjustable waist belt & thigh straps.
- Consists of two lateral D-rings for work positioning and one ventral D-ring for rescue /rope access.
- Wide semi rigid comfort pad for excellent lumbar support.
- Quick-Connect buckles, and tool holding loops/rings
- Sizes- Medium and large.
- Coated Hardware for corrosion resistance.



APPROVALS/STANDARDS

EN 358 :1999 EN813:2008

APPLICATION/MARKETS

- Sit Harness
- Tree climbing, Ladder work, logging and for rope access.
- Mountaineering.

► HZ- 9108 Wide Work Positioning waist Belt

FEATURES

- Fully Adjustable Waist belt.
- Two lateral Metallic D- rings for work positioning.
- Wide comfort pad for extended comfort in day long work.
- Quick-Connect buckles and tool holding loops/rings
- Sizes- Medium & Large
- Coated Hardware for corrosion resistance



APPROVALS/STANDARDS

EN 358:1999

APPLICATION/MARKETS

- Do not use for Fall protection. Use for work positioning only.

► HZ- 9109 Slim Work Positioning Waist Belt

FEATURES

- Fully Adjustable Waist belt.
- Two lateral Metallic D- rings for work positioning.
- Slim comfort pad, light in weight.
- Quick-Connect buckles and tool holding loops/rings.
- Sizes- Medium, Large & Extra Large
- Coated Hardware for corrosion resistance.



APPROVALS/STANDARDS

EN 358:1999

APPLICATION/MARKETS

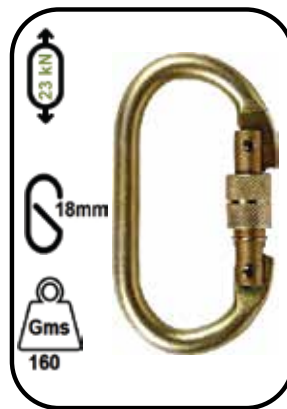
- Do not use for Fall protection. Use for work positioning only.

► CONNECTORS

Connecting devices are a crucial component/link in a complete Personal Fall Arrest System (PFAS). The connecting subsystem is the critical link that joins the full-body harness (body wear) to the anchorage/ anchorage connector. Understanding the strength and weakness of Hooks and connectors help the user to choose its appropriate type depending on the area/field of its usage. Strength of the connectors are mainly dependent on the breaking strength of its major load bearing axis as well as the impact force of its minor axis. It is designed to be loaded by its major axis with the gate close and sleeve locked. Misuse could be fatal.



HZH-101



HZH-102



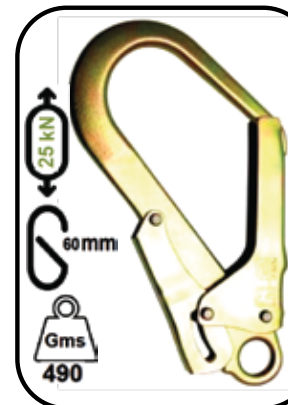
HZH-103



HZH-104



HZH-105



HZH-106

| Art No. | Material | Minimum Breaking strength (KN) | Gate Opening (mm) | Plating | Standard Conforms |
|---------|-------------|--------------------------------|-------------------|----------------|-------------------------|
| HZH-101 | Alloy Steel | 23KN | 18mm | Ni-Chrome/Zinc | EN 362:2004, Class-B |
| HZH-102 | Alloy Steel | 23KN | 18mm | Ni-Chrome/Zinc | EN 362:2004, Class-B, M |
| HZH-103 | Alloy Steel | 28KN | 23mm | Ni-Chrome/Zinc | EN 362:2004, Class-B, M |
| HZH-104 | Alloy Steel | 16KN | 19mm | Ni-Chrome/Zinc | EN 362:2004, Class-B |
| HZH-105 | Alloy Steel | 25KN | 60mm | Ni-Chrome/Zinc | EN 362:2004, Class-T |
| HZH-106 | Alloy Steel | 25KN | 60mm | Ni-Chrome/Zinc | EN 362:2004, Class-T |

► Lanyard

Lanyard is a connecting element of a fall arrest system. Depending upon the uses, lanyards are classified as follows:

- Restraint Lanyards– used for travel restriction and restrains a worker from reaching a fall hazard.
- 2) Fall Arrest Lanyards– used for fall arrest Incorporated with a kinetic energy absorber, which reduces the impact of a fall.
- 3) Work Positioning Lanyards– used for work positioning, and stabilizing a worker at elevation.
- 4) Fork Lanyard– are used to move within a specified workspace while remaining connected all the time.
- 5) Self Retracting Lanyard (SRL)– are used when anchor point is too high to access and the vertical ground is low.

1. Restraint Lanyard :

The restraint lanyard prevents the user from reaching a hazardous position where a fall might occur. As there is no fall occur in the fall restraint system the restraint lanyard does not possess any kind of shock absorbing element. Hence it is not recommended for fall arrest.

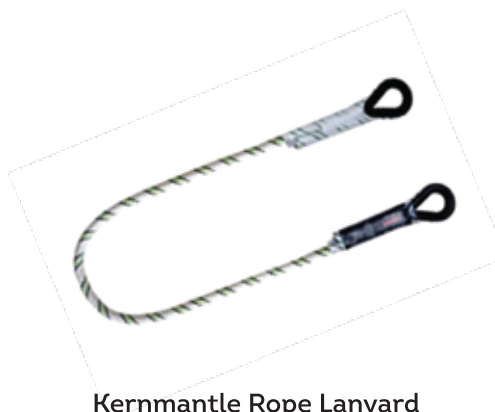
The restraint lanyards are made up of 12mm dia- Polyamide/kernmantle rope and of 44mm width webbing. Spliced ends are protected with transparent protective covering. A strong abrasion resistance thimble is provided at the end loops which prevent the rope from being damaged by the metallic connectors at the time of use. The ropes also have a colour age indicator to help the user to identify the fitness of the lanyard.

| LENGTH | STRENGTH |
|--|---------------------------------------|
| Available in lengths of 1.0m, 1.5m, 1.8m, and 2.0m | Minimum breaking strength \geq 22kN |

NOTE: Always remember that the length of the lanyard should not exceed 2.0m



Twisted Rope Lanyard












Kernmantle Rope Lanyard



44mm Webbing Lanyard

ALL LANYARDS WITH DIFFERENT COMBINATION OF CONNECTORS OFFER DISTINCTIVE FEATURES,
CHOOSE THE LANYARD THAT SUITS YOUR REQUIREMENT:

| ART NO. | ATTACHMENT | LANYARD |
|---------|---|---|
| HRL-101 | Both end loop |  |
| HRL-102 | One end loop other end karabiner HZH-102 |  |
| HRL-103 | Both end karabiner HZH-102 |  |
| HRL-104 | One end loop other end Snap hook HZH-104 |  |
| HRL-105 | Both end karabiner HZH-104 |  |
| HRL-106 | One end loop other end Snap Hook HZH-106 |  |
| HRL-107 | One end karabiner HZH-102 end Snap hook HZH-104 |  |
| HRL-108 | One end karabiner HZH-102 end Snap hook HZH-106 |  |
| HRL-109 | One end karabiner HZH104 end Snap hook HZH-106 |  |
| | *For kernmantle rope Use -B after the Art.No. | ** For webbing Lanyard Use -W after the Art.No. |
| | | *** USE D after the Art. No. for DOUBLE LANYARD |

2. FALL ARREST LANYARD

The Fall arrest Lanyards are equipped with a kinetic Shock absorber to reduce the impact of the fall arrest forces.










The restraint lanyards are made up of 12/14mm dia- Polyamide/kernmantle rope and of 44mm width webbing. Spliced ends are protected with transparent protective covering. A strong abrasion resistance thimble is provided at the end loops which prevents the rope from being damaged by the metallic connectors at the time of use. The ropes also have a colour age indicator to help the user identify the fitness of the lanyard. Energy absorber are fitted at the harness end.

| LENGTH | STRENGTH | CONFORMS |
|---|----------------------------------|--------------------------|
| Available in lengths of 1.0m, 1.5m, 1.8m and 2.0m | Minimum breaking strength > 22kN | EN 354:2010, EN 355:2002 |

NOTE: Always remember that the length of the lanyard should not exceed 2.0m



ALL LANYARDS WITH DIFFERENT COMBINATION OF CONNECTORS OFFER DISTINCTIVE FEATURES, CHOOSE THE LANYARD THAT SUITS YOUR REQUIREMENT

| UART. No | ATTACHMENT | LANYARD |
|----------|---|--|
| HREL-101 | Both end loop |  |
| HREL-102 | One end loop other end karabiner HZH-102 |  |
| HREL-103 | Both end karabiner HZH-102 |  |
| HREL-104 | One end loop other end Snap hook HZH-104 |  |
| HREL-105 | Both end karabiner HZH-104 |  |
| HREL-106 | One end loop other end Snap Hook HZH-106 |  |
| HREL-107 | One end karabiner HZH-102 end Snap hook HZH-104 |  |
| HREL-108 | One end karabiner HZH-102 end Snap hook HZH-106 |  |
| HREL-109 | One end karabiner HZH-104 end Snap hook HZH-106 |  |
| | *For kernmantle rope Use -B after the Art.No. | ** For webbing Lanyard Use -W after the Art.No. |
| | | *** USE D after the Art. No. for DOUBLE LANYARD |

3. WORK POSITIONING LANYARD

The Work positioning Lanyards are used to hold a worker in place, gives worker hands free work environment at elevated heights and also restrict the movement of the user thus prevent reaching in a location where fall hazards may exist. The work positioning lanyard are not for fall arrest, and therefore a backup fall arrest system be used. The work positioning Lanyard is used by connecting the two ends of the lanyard with the two lateral D Ring (Attachment) on the harness of the User, the length of the lanyard may be adjusted by using suitable adjustment devices.

Conforms: EN 358:1999

ALL LANYARDS WITH DIFFERENT COMBINATION OF CONNECTORS OFFER DISTINCTIVE FEATURES, CHOOSE THE LANYARD THAT SUITS YOUR REQUIREMENT:

▶ HWPL-01

- Made of 12/14 mm dia meter three strand twisted polyamide rope
- Designed with a convenient rope, grab adjuster for adjustment of required length as per work situations.
- Easy to connect Karabiner (HZH-102)
- Maximum working length-2.0 meter
- Available with 50 cm long protective covering sleeve (Optional)



▶ HWPL-02

- Made of 12/14 mm dia meter three strand twisted polyamide rope
- Designed with a manual ring type adjuster for adjustment of required length as per work situations.
- Easy to connect Karabiner (HZH-102)
- Maximum working length-2.0 meter
- Available with 50 cm long protective covering sleeve (Optional)



Conforms: EN 358:1999

▶ HWPL-03

- Made of 44 mm width high tenacity Polyester webbing.
- Designed with a manual ring type adjuster for adjustment of required length as per work situations.
- Easy to connect Karabiner (HZH-102)
- Maximum working length-2.0 meter
- Available with 50 cm long protective covering sleeve (Optional)



Conforms: EN 358:1999

4. FORKED LANYARD

The Forked Lanyards are used for progressive movement. It permits the user to move up and across from one anchor point to the next with 100% tie off (remain attached at all times). It is also equipped with a kinetic Shock absorber to reduce the impact of the fall arrest forces. While using the Forked Lanyard with energy absorbing pack all the rules regarding the use of the shock absorber must be maintained.

Always make sure that the Energy absorber end of the Lanyard is connected to the harness at its dorsal attachment point otherwise it will get removed from the system which will be extremely dangerous in the event of a fall.

The Forked Lanyard made of twisted rope, Kernmantle rope and also in 44 or 30mm polyester webbing. Both ends are Spliced and protected with transparent protective covering. A strong abrasion resistance thimble is provided at the end loops which prevent the rope being damaged by the metallic connectors at the time of use. The ropes also have a color age indicator to help the user to identify the fitness of the lanyard. Energy absorber are fitted at the harness end.

| LENGTH | STRENGTH | CONFORMS |
|---|----------------------------------|--|
| Available in lengths of 1.0m, 1.5m, 1.8m and 2.0m | Minimum breaking strength > 22kN | EN 355:2002 + VG 11 PPE 63 (Additional strength test) |

NOTE: Always remember that the length of the lanyard should not exceed 2.0m



| Art No. | Lanyard | Connector at Harness end | Connector at An-chorage end | Connecting Element | Length |
|-------------|---|---------------------------------------|-------------------------------------|-------------------------------------|------------------------|
| HFL-102106R | Twisted Rope E.A Forked Lanyard | Steel screw lock Karabiner HZH-102 | 2 Nos. of steel Scaffolding hook | 12mm dia 3 strand polyamide rope | 1.5m, 1.8m and 2.0m |
| HFL-102106K | Kern mantle Rope E.A Forked Lanyard | Steel screw lock Karabiner HZH-102 | 2 Nos. of steel Scaffolding hook | 11mm dia kern mantle rope | 1.5m, 1.8m and 2.0m |
| HFL-102106W | Energy Absorbing Webbing Forked Lanyard | Steel screw lock Karabiner HZH-102 | 2 Nos. of steel Scaffolding hook | 44mm polyester Webbing | 1.5m, 1.8m and 2.0m |

5. SELF RETRACTING LANYARD (SRL)

The Self Retracting Lanyard (SRL) is a mechanical State-of-the-art fall arrest device. It is designed with fast acting centrifugal breaking mechanism which helps the user to be confident when they need it most – in the event of a fall. Ergonomically designed to provide the user with maximum movement in most directions comfortably. These devices are ideal for use in workspace where the anchorage is too high to access and the ground clearance is too small.

FEATURES

- A durable, engineered thermoplastic housing to increase service life.
- 100 kg capacity a standard feature.
- Lanyard made of 4 mm corrosion resistance stainless Steel/alloy steel cable/polyester webbing.
- Light in weight.
- Swivel type anchorage loop to prevent unwanted twisting of life line.
- Unique centrifugal breaking system.



| LENGTH | STRENGTH | CONFORMS |
|---|----------------------------------|-------------|
| Available in lengths of 6.0m, 10m, 20m, and 25m | Minimum breaking strength > 25kN | EN 360:2002 |

| ART NO | TYPES OF LIFE LINE | LENGTH OF LANYARD |
|----------|--|-------------------|
| HSRL-60 | Alloy steel Galvanized/Stainless Steel, 4mm diameter | 6 Meters |
| HSRL-60W | Polyester Webbing of 35mm width | 6 Meters |
| HSRL-100 | Alloy steel Galvanized/Stainless Steel, 4mm diameter | 10 Meters |
| HSRL-150 | Alloy steel Galvanized/Stainless Steel, 4mm diameter | 15 Meters |
| HSRL-200 | Alloy steel Galvanized/Stainless Steel, 4mm diameter | 20 Meters |
| HSRL-250 | Alloy steel Galvanized/Stainless Steel, 4mm diameter | 25 Meters |

▶ ROPE GRAB FALL ARRESTERS – HZFA-14R

Rope Grab Fall Arresters is a simple device that is designed to travel along with the anchorage line and grab the anchorage line due to anti-gravity locking mechanism in the event of a fall and provide necessary Shock absorption to the user. Rope grab fall arresters are use in fall arrest while climbing, and in restraint while working on roof tops or inclined planes. The Rope Grab Fall Arrester is a detachable device made of high-quality alloy steel, it moves freely along with the anchorage line in upward and down ward direction. The device is attached to the user by the means of a karabiner attached to its Eye. In the event of a fall the rope grab stops immediately to the anchorage line and thus arresting the fall.

Anti Gravity locking Mechanism: This is a unique system work with the help of gravitational forces of our earth. This system also ensures that no one will install the device incorrectly to the anchorage line.

CONFORMS

EN 355-2:2002



Rope Grab Fall Arrester with Karabiner (HZFA-14R)



Rope Grab Fall Arrester with Energy Absorber



Rope Grab Fall Arrester with Spacing Strap

▶ TRIPOD (Art.No. HT-700)

TRIPOD is mainly used for easy access into and retrieval of personnel into confined space such as Man-hole, Tanks etc. It provides a means of controlled ascent and descent. Tripod is very easy to use. A simple setup procedure makes the process quick and promotes correct use.

EASY TO USE

- Aluminum head and leg reduces weight, improving portability.
- Legs are telescopic up to 8 ft high, and do not tangle when unit is collapsed for easier transportation and storage.
- Legs automatically lock in the open position for added safety. Base chain prevents the legs from spreading.
- A maximum height indicator provides quick identification of the maximum leg extension length.
- There is no need of a separate pulley/bracket assembly.
- Accessories can be attached to any of the three legs for faster set up.



DURABLE

- Robust Aluminum head with two interval wheel/pulley helps smooth operation of the winch
- Aluminum Eye bolt fixed in the head could sustain more than 12kN
- Fully adjustable telescopic legs for use in uneven surface.
- Skid resistance feet with anti-slip rubber shoe.
- Legs base support retention, chain improves stability and strength of the entire system.
- Internal leg locking mechanism prevents accidental disengagement during use and storage.

CONFORMS

EN 795: 2012, Type-B

► Hand operated Winch

- To be used for raising or lowering of personnel in confined spaces
- Length of the Cable-20mtr.
- Cable rope-8mm diameter.
- Lifting Capacity-200 kgs.
- Has a capacity of anti-return system with lowering/lifting capacity of 25ft/min
- Compatibility: Can be mounted on Tripods and Davit Arm



CONFORMS

EN 1496:2006, Class B

► Twisted Rope Anchorage line

- Made of 3-Strand Polyamide Twisted Rope of dia 14mm.
- One side loop; other side end stop knot.
(Also Available with Both Side Loops)
- Length available as per customers requirement



► Kernmantle Rope Anchorage

- Made of Kernmantle Rope of dia 11mm.
- One side loop; other side end stop knot.
(Also Available with Both Side Loops)
- Length available as per customers requirement



► Safety Net

Safety Nets provide collective level of security prevent fatalities while working at height.

All types of Safety Nets are manufactured with High tenacity Polypropylene Ropes which are capable enough to with stand the required load. Special Knotting of the meshes provide effective shock absorption and minimizes the injury of the worker.

Safety Nets are available in various configuration and sizes, some of which given bellow



SAFETY NETS ARE AVAILABLE IN VARIOUS CONFIGURATION AND SIZES, SOME OF WHICH GIVEN BELLOW

| Size | Mesh Size | Mesh Rope | Tie Rope | Additional |
|----------|-----------|--------------------------------|----------------|------------------|
| 10m x 3m | 25mm | 2mm polypropylene double chord | 12mm - PP Rope | — |
| 10m x 3m | 75mm | 4mm polypropylene | 12mm - PP Rope | — |
| 10m x 3m | 100mm | 4mm polypropylene double chord | 12mm - PP Rope | — |
| 10m x 3m | 100mm | 4mm polypropylene | 12mm - PP Rope | With Overlay Net |
| 10m x 5m | 25mm | 2mm polypropylene double chord | 12mm - PP Rope | — |
| 10m x 5m | 75mm | 4mm polypropylene | 12mm - PP Rope | — |
| 10m x 5m | 100mm | 4mm polypropylene | 12mm - PP Rope | — |
| 10m x 5m | 100mm | 4mm polypropylene | 12mm - PP Rope | With Overlay Net |
| 6m x 4m | 25mm | 2mm polypropylene double chord | 12mm - PP Rope | — |
| 6m x 4m | 75mm | 4mm polypropylene | 12mm - PP Rope | — |
| 6m x 4m | 100mm | 4mm polypropylene | 12mm - PP Rope | — |
| 6m x 4m | 100mm | 4mm polypropylene | 12mm - PP Rope | With Overlay Net |

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