Headquartered in Bahadurgarh (Haryana), ALKO PLUS is a company that has over the years established itself as a leading brand in the Personal Protective Equipment manufacturing business. The company takes great pride in its ability to deliver a magnificent product range with an all-round assurance of safety to its user.

It is our endeavor in ALKO PLUS to provide only the finest and the best solution in the field of personal protection to our valued customers.

Since inception our motto is to make this planet a safer place to work in. ALKO PLUS is a renowned name that spells & pronounces the Safety Story in a unique way. As a leading supplier to many industries, ALKO PLUS has over the years earned a reputation in the World of Safety of Trust and Reliability.

ALKO PLUS specializes in the field of Fall Protection, Head Protection, Foot Protection, Safety Nets & Reflective Safety Vests.

In short, ALKO PLUS is a one stop shop for personal protective equipment, providing solutions for protection from Head to Toe. We manufacture the highest quality equipment conforming to IS & EN norms, leading the way with new innovative products and solutions with every passing year.
ALKO PLUS Manufacturing set-up is spread over a span of around 45,000 square feet area, and is one of the few in the nation, with complete vertical integration, giving us strong controls over quality at each step of manufacturing. All our systems & processes are registered to ISO 9001-2015.

Along with an extensive Distribution network throughout the country, ALKO PLUS has its corporate office in the city of Bahadurgarh (adjoining New-Delhi), manned by Trained and Technical Sales Personnel to provide the finest support and service required.

Collection 2018 by ALKO PLUS brings forward the commitment made in the last edition, with newer additions of products in its ever expanding range, emerging today as a finest solution in the field of Industrial Safety.

The journey at ALKO PLUS is never ending. There is a long way to go, many more dreams to accomplish and we believe in joining hands with our valued customers for a Safer World. Let’s define Safety, the ALKO PLUS way...

Please do send us your valuable feedback.
CUSTOMER CARE: +91-9811000742
E-mail: info@alkoplus.com

Let us know how we can help you better!
FALL PROTECTION

A Full Body Harness is the ideal body wear that should be worn by a worker, since it distributes the force of impact incurred in the event of a fall evenly on the thighs and torso region of the body. The material of construction of the webbing of ALKO PLUS Harnesses is Polyester. Since this has the least elongation properties as compared to other materials, the Harness does not stretch dangerously when subjected to a fall. The wearer hence does not risk slipping out of the Harness.

ALKO PLUS offers a comprehensive range of Full Body Harnesses to suit a vast range of applications and situations. Equipped with the finest ergonomics and technically sound features, ALKO PLUS Full Body Harnesses are the best choice for comfortable and safe usage for work at height.
Always inspect the HARNESS before WEARING it

- Hold the Harness by the back D-ring, and allow the straps to fall in their place. The Harness has clear and separate colours for the shoulder and thigh straps, for them to be distinguished easily.
- Inspect the Harness webbing for any cuts, burns or damages.
- Check the stitches for their continuity.
- Carefully look for any evidence of corrosion on the metal parts.

Attachment Points on the HARNESS

The labels marked as ‘A’ denote the attachment points on the harness. In certain areas the labels are marked ‘A/2’ meaning that two similar points held together shall constitute a single attachment point.

MARK OF QUALITY & TRACEABILITY

All ALKO PLUS Harnesses are also provided with a unique Batch number for each batch being manufactured, ensuring 100% traceability.
ECO-SERIES range of full body harnesses Equipped with all the essential Features to provide Safety for Compliance

**FULL BODY HARNESS**

**FULL BODY HARNESS**

**FULL BODY HARNESS**

**FULL BODY HARNESS**

**REF. APS 401 (Class - A)**
Full Body Harness for Basic Fall Arrest
Equipped with adjustable thigh straps and a dorsal attachment D-ring for fall arrest.

- **Material**: Synthetic Fibre
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest
- **Weight**: 720 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

**REF. APS 402 (Class - P)**
Full Body Harness for Positioning on the Tower
Equipped with adjustable thigh straps, a dorsal attachment D-ring for fall arrest and 2 lateral D-rings at the waist level, one on each side. This helps the worker in positioning himself so that he can work with both hands free.

- **Material**: Synthetic Fibre
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest & Work Positioning
- **Weight**: 1080 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

**REF. APS 404 (Class - L)**
Full Body Harness for Basic Climbing
Equipped with adjustable thigh straps, a dorsal attachment D-ring for fall arrest and 2 chest attachment D-rings for tower climbing.

- **Material**: Synthetic Fibre
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest
- **Weight**: 920 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

**REF. APS 405 (Class - E)**
Full Body Harness for lowering or raising of personnel & Rescue in Confined space.
Equipped with adjustable thigh straps, a dorsal attachment D-ring for fall arrest and 2 sliding D-rings, one on each shoulder strap. This helps in easy entry into the confined space.

- **Material**: Synthetic Fibre
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest & Rescue
- **Weight**: 860 grams
- **Adjustability**: Fully adjustable chest & thigh-straps
M-SERIES range of Full Body Harnesses come in the catchy combination of Yellow and Violet.

Equipped with unique features that provide full comfort and ergonomics to the wearer, this range of Harnesses withstands the highest test of Safety Standards as laid out in the Indian & European Norms.

**REF. APS 451 (Class - A)**

Full Body Harness for Basic Fall Arrest
Equipped with adjustable thigh straps and a dorsal attachment D-ring for fall arrest.

- **Material**: Polyester
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest
- **Weight**: 890 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

**FULL BODY HARNESS**

**REF. APS 452 (Class - P)**

Full Body Harness for Positioning on the Tower
Equipped with adjustable thigh straps, a dorsal attachment D-ring for fall arrest and 2 lateral D-rings at the waist level, one on each side. This helps the worker in positioning himself so that he can work with both hands free.

- **Material**: Polyester
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest & Work Positioning
- **Weight**: 1320 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

**REF. APS 453 (Class - L)**

Full Body Harness for Basic Climbing
Equipped with adjustable thigh straps, a dorsal attachment D-ring for fall arrest and 2 chest attachment D-rings for tower climbing.

- **Material**: Polyester
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest
- **Weight**: 1130 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

**FULL BODY HARNESS**

**REF. APS 454 (Class - E)**

Full Body Harness for lowering or raising of personnel & Rescue in Confined space.
Equipped with adjustable thigh straps, a dorsal attachment D-ring for fall arrest and 2 sliding D-rings, one on each shoulder strap. This helps in easy entry into the confined space.

- **Material**: Polyester
- **Standard**: IS 3521:1999
- **Application**: Fall Arrest & Rescue
- **Weight**: 1060 grams
- **Adjustability**: Fully adjustable chest & thigh-straps

Equipped with unique features that provide full comfort and ergonomics to the wearer, this range of Harnesses withstands the highest test of Safety Standards as laid out in the Indian & European Norms.
**APS 461**

- **NS** APS 461 has Adjustable Shoulder and Thigh Straps with sliding plates for easy attachment of chest strap.

<table>
<thead>
<tr>
<th>Material</th>
<th>Polyester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>EN 361:2002</td>
</tr>
<tr>
<td>Application</td>
<td>Fall Arrest</td>
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<tr>
<td>Weight</td>
<td>1120 grams</td>
</tr>
<tr>
<td>Adjustability</td>
<td>Adjustable shoulder &amp; thigh-straps</td>
</tr>
</tbody>
</table>

**APS 462**

- **NS** APS 462 has Two Chest Attachment Textile loops with adjustable shoulder and thigh strap.

<table>
<thead>
<tr>
<th>Material</th>
<th>Polyester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>EN 361:2002</td>
</tr>
<tr>
<td>Application</td>
<td>Fall Arrest</td>
</tr>
<tr>
<td>Weight</td>
<td>990 grams</td>
</tr>
<tr>
<td>Adjustability</td>
<td>Adjustable shoulder &amp; thigh-straps</td>
</tr>
</tbody>
</table>

**APS 461 (01)**

- **NS** APS 461 (01) is a basic CE-compliant harness, having adjustable thigh straps, and a Dorsal D-ring for fall arrest.

<table>
<thead>
<tr>
<th>Material</th>
<th>Polyester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>EN 361:2002</td>
</tr>
<tr>
<td>Application</td>
<td>Fall Arrest</td>
</tr>
<tr>
<td>Weight</td>
<td>930 grams</td>
</tr>
<tr>
<td>Adjustability</td>
<td>Adjustable thigh-straps</td>
</tr>
</tbody>
</table>

**APS 462 (01)**

- **NS** APS 462 (01) is a basic CE-compliant harness, having adjustable thigh straps. In addition to the Dorsal D-ring, this Harness is also provided with 2 front-attachment textile for all arrest.

<table>
<thead>
<tr>
<th>Material</th>
<th>Polyester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>EN 361:2002</td>
</tr>
<tr>
<td>Application</td>
<td>Fall Arrest</td>
</tr>
<tr>
<td>Weight</td>
<td>930 grams</td>
</tr>
<tr>
<td>Adjustability</td>
<td>Adjustable thigh-straps</td>
</tr>
</tbody>
</table>
FULL BODY HARNESS

APS 463 has Two Chest Attachment D-rings, Adjustable Shoulder and Thigh Strap.

Material: Polyester
Standard: EN 361:2002
Application: Fall Arrest
Weight: 1290 grams
Adjustability: Adjustable shoulder & thigh-straps

APS 464 is an ideal Harness equipped with one Chest attachment D-ring & Dorsal D-ring for Fall arrest.

Material: Polyester
Application: Fall Arrest
Weight: 1310 grams
Adjustability: Adjustable shoulder & thigh-straps

Having all the adjustability features, ALKO PLUS APS 481 is a specialized Harness for work positioning at height in Industries like Chemicals & Fertilizers.

Material: Polyester
Application: Work Positioning & Rope Access
Weight: 1870 grams
Adjustability: Adjustable shoulder & thigh-straps & waist belt

APS 482 consists of front attachment textile loops. This Harness is the best Harness for tower climbing and work positioning at height.

Material: Polyester
Application: Fall Arrest & Work Positioning
Weight: 1880 grams
Adjustability: Adjustable shoulder & thigh-straps & waist belt
**FULL BODY HARNESS**

**REF . APS 483**

Equipped with 2 Chest attachment D-rings and all the adjustability features, APS 483 is the ideal Harness for Tower Climbing, Work Positioning and working on Mast.

- **Material**: Polyester
- **Standard**: EN 361:2002 & EN 358:1999
- **Application**: Fall Arrest & Work Positioning
- **Weights**: 1980 grams
- **Adjustability**: Adjustable shoulder, thigh-straps & waist belt

**REF . APS 484**

APS 484 is an ideal Harness equipped with one Chest attachment D-ring & Dorsal D-ring for Fall arrest. Two lateral D-rings for Work Positioning. Is best suited for Tower Climbing & Work Positioning at height.

- **Material**: Polyester
- **Standard**: EN 361:2002 & EN 358:1999
- **Application**: Fall Arrest & Work Positioning
- **Weights**: 1980 grams
- **Adjustability**: Adjustable shoulder & thigh-straps

**WORK POSITIONING BELTS**

**Wide Work Positioning Belt with Tool-holding loops**

- Wide comfort pad to provide lumbar support for long working hours
- Fully Adjustable
- Width of Back Pad : 21 cms.
- Two Lateral D-rings for Work Positioning
- Tool holding webbing loops
- Rings for tool holders, bolt bags, etc.
- Available in sizes - Medium, Large, Extra Large
- Conforms to EN 358:1999

**REF . APS 458**

Slim Work Positioning Belt with Tool-holding loops

- Optimum width comfort pad to provide lumbar support
- Fully Adjustable
- Width of Back Pad : 14.5 cms.
- Two Lateral D-rings for Work Positioning
- Tool holding webbing loops
- Rings for tool holders, bolt bags, etc.
- Available in sizes - Medium, Large, Extra Large
- Conforms to EN 358:1999
**Tower Harness**

**APS 456** is a special Tower Harness in the ALKO PLUS range. Equipped with comfortable padding on shoulder, waist and the thigh pads, APS 456 is a comfortable Harness and very versatile in its use. The Dorsal, Ventral, Sternal and Lateral attachment points on this Harness allow it to be used for fall arrest by Dorsal attachment, fall arrest by front attachment, work positioning, and for rope access. It is the most popular Harness used for the purpose of carrying out Rescue of a fall victim, by descent.

**Material**: Polyester


**Application**: Fall Arrest, Work Positioning & Rope Access

**Weight**: 2440 grams

**Adjustability**: Fully adjustable shoulder & thigh-straps

**Sit Harness**

ALKO PLUS offers Adventure Sit Harness, the Light and Zippy Harness specially designed keeping in mind the needs of Mountaineers and Adventure Geeks.

**ALKO PLUS APS 457** is a Sit Harness, and is not a Harness for fall protection.

**Material**: Polyester

**Standard**: EN 358:1999 & EN 813:2008

**Application**: Fall Arrest, Work Positioning & Rope Access

**Weight**: 1500 grams

**Adjustability**: Fully adjustable shoulder & thigh-straps
### Hooks & Connectors

<table>
<thead>
<tr>
<th>Material</th>
<th>Standard</th>
<th>Minimum Breaking Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNAP HOOK</td>
<td>Alloy Steel</td>
<td>25kN</td>
</tr>
<tr>
<td>SCAFFOLD HOOK</td>
<td>EN 362-2004</td>
<td>25kN</td>
</tr>
<tr>
<td>SPRING HOOK</td>
<td>Steel</td>
<td>25kN</td>
</tr>
<tr>
<td>SCREW HOOK</td>
<td>Steel</td>
<td>25kN</td>
</tr>
</tbody>
</table>

**ALKO PLUS** offers a range of Manual & Automatic Locking Hooks and Connectors. Some Connectors are certified as per EN.
A ‘Lanyard’ is described as a connecting element of a system. The Fall Arrest Lanyards incorporate a shock absorbing element which is capable of limiting the force felt on the body of the worker to less than 6 kN.

Depending upon the specific usage, Lanyards are classified as follows:

- **Work Positioning Lanyards** - used for work positioning.
- **Restraint Lanyards** -used for restraint.
- **Fall Arrest Lanyards** - come incorporated with an energy absorber to reduce the impact of fall, and hence are used for fall arrest.
- **Forked Lanyard ALKO PLUS** also provides a range of forked lanyards that can be used to move up or down, or along the sides while remaining connected at all times.

ALKO PLUS offers an exhaustive range of lanyards made of twisted rope, kernmantle rope or webbing, and different Connector combinations, as per the need of the user.
ALKO PLUS offers a range of Work Positioning Lanyards which can be used by the worker to position himself at a height in a safe and supported manner, and work with both hands free.

ALKO PLUS Work Positioning lanyards can be easily adjusted for length, using various adjustment devices that come with the lanyard.

It is important to note that a Work Positioning system is not fall protection equipment. It is hence mandatory to use specific Fall Arrest Lanyards and other such equipment along with Work Positioning Systems to ensure safety of the worker at a height.

The Work Positioning Lanyard is used by connecting the two ends of the lanyard to the two lateral D-rings on the Full Body Harness of the user. The length can be easily adjusted to suit the application.

ALKO PLUS Work Positioning Lanyards have a Minimum Breaking Strength of 15 kN, and are certified as per EN 358:1999.

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**HEAD PROTECTION LANYARDS**

**WORK POSITIONING LANYARD WITH RING TYPE ADJUSTER**
- **REF. APS 301**
  - Made up of 14mm dia polyamide 3-strand twisted rope.
  - Has a Manual ring-type adjuster of forged alloy steel.
  - Maximum length is 2.0m.
  - Easy to connect Steel Karabiners (APS 157) at both the ends for attachment.

**WORK POSITIONING LANYARD WITH GRIP ADJUSTER**
- **REF. APS 302**
  - Made up of 14mm dia polyamide 3-strand twisted rope.
  - Equipped with convenient rope-grab adjuster for easy length adjustment.
  - Maximum length is 2.0m.
  - Easy to connect Steel Karabiners (APS 157) at both the ends for attachment.
Restraint Lanyards are a part of the Restraint System needed at height. These lanyards prevent the user from reaching the edge and hence prevent a potential fall from occurring. Since there is no fall that occurs in a ‘Fall Restraint System’, the Restraint Lanyards do not have any shock absorption element incorporated in them.

It is therefore mandatory to ensure that Fall Restraint Lanyards are never used for the purpose of fall arrest.

ALKO Plus Fall Restraint Lanyards come various options of connecting element:
- Twisted Rope Lanyards
- Kernmantle Rope Lanyards
- Webbing Lanyards

ALKO PLUS Restraint Lanyards are available in different lengths - 1.0m, 1.5m, 1.8m and 2.0m.

ALKO PLUS offers all the Lanyards in different configurations of connectors, as per the need of the user.
Always use Energy Absorbing Lanyards for fall arrest applications.

ALKO PLUS offers a wide range of Fall Arrest Lanyards which come incorporated with the ALKO PLUS Energy Absorber, in different connector combinations, and made of Twisted Rope, Kernmantle Rope, or Webbing, for the user to make his choice.

These lanyards are all tested and certified as per EN 355:2002.

What should be the Length of a ALKO PLUS FALL ARREST LANYARD

The standard maximum length of the Fall Arrest Lanyard is 2 meters. Important thing to note is to have a lanyard long enough to be user friendly, however, kept as short as possible, to minimize the free fall distance. All ALKO PLUS fall arrest lanyards are tested and certified as per EN 355:2002 for their maximum length of 2m.

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The standard maximum length of the Fall Arrest Lanyard is 2 meters. Important thing to note is to have a lanyard long enough to be user friendly, however, kept as short as possible, to minimize the free fall distance. All ALKO PLUS fall arrest lanyards are tested and certified as per EN 355:2002 for their maximum length of 2m.

ALKO PLUS ENERGY ABSORBING PACK (ENERGY ABSORBER)

ALKO PLUS Energy Absorber APS 261 is made up of 44mm wide webbing and is shrink wrapped. It reduces the impact of fall to less than 6kN and conforms to EN 355:2002. The minimum fall clearance distance required when using this energy absorber for a 2m lanyard is = 6m.

ALKO PLUS ENERGY ABSORBING PACK (ENERGY ABSORBER)

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ALKO PLUS Energy Absorber Pack consists of a special white inner polyamide core which absorbs the arresting forces in the event of a fall.

- The coloured webbing serves as a backup.
- The clear protective covering helps in easy and fast visual inspection.

How does the ENERGY ABSORBER WORK?

In the event of a fall, the special webbing inside the Energy Absorber opens up. This opening of the webbing takes up most of the jerk which is felt as an impact when a fall occurs. Hence finally very little jerk is felt on the body of the worker. We can therefore imagine that if this Energy Absorber is absent from a fall protection system, the forces which are felt on the body of the worker can be very high and can result in injury.

Minimum fall clearance distance required when using an ENERGY ABSORBING LANYARD

It is extremely important to know the fall clearance distance while working at a height using the appropriate Fall Protection System. While anchored vertically above the head level, the length of the lanyard used and the elongation of the Energy Absorber which occurs in the event of a fall become two of the important factors to determine the fall clearance.

Always check for the minimum Fall-clearance distance so that the risk of hitting an obstacle below is not there.

In the worst case where the user has climbed above the point of anchorage, and has a free fall of 4 meters before the lanyard has been activated, the minimum clearance required is 6.25 meters below the anchorage.

Each Lanyard offers you distinct features. Choose the lanyards that best suit your requirement.
ALKO PLUS Forked Lanyards come in Twisted Ropes, Kernmantle Ropes and also in 44mm wide polyester webbing and offer the facility to move in all directions while remaining safely anchored at all times.

Forked Lanyards (or Y-shaped Lanyards) provide 100% tie-off required during progressive movement from one anchor point to the next, upwards or side-ways.

While using an Energy Absorbing Forked Lanyard make sure that only the Energy Absorber end of the lanyard is connected to the Harness at its Dorsal attachment point. If this is not done so, the shock absorption element gets removed from the system, making it extremely dangerous in the event of a fall.

ALKO PLUS Forked Lanyards Tested as per PPE Directive 89/686/EEC.

**ENERGY ABSORBING FORKED WEBBING LANYARD**

**Ref. APS 175**
- **Connecting Element**: 44mm wide Polyester Webbing
- **Connector at Harness end**: Karabiner APS 157
- **Connector at Anchorage end**: 2 nos. of Scaffold Hook APS 152
- **Length**: 1.5m, 1.8m & 2.0m

**ENERGY ABSORBING TWISTED ROPE LANYARDS**
- They are made up of Polyamide Twisted Rope, 12mm dia and have ALKO PLUS Energy Absorbing pack (APS 261) incorporated at the harness end of the Lanyard.
- The spliced end is protected by a strong transparent protective covering sleeve.
- The loops at the end are protected by an abrasion resistant thimble.
- Available in lengths: 1.0m, 1.5m, 1.8m & 2.0m.
- All Lanyards with different combinations of connectors are individually certified as per EN 355 : 2002.

**ENERGY ABSORBING KERNMANTLE ROPE LANYARDS**
- This range of Lanyards is made from high quality Kernmantle Rope of dia 10.5mm and have ALKO PLUS Energy Absorbing pack (APS 261) incorporated at the harness end of the Lanyard.
- They are cross stitched and are protected with a strong transparent sleeve.
- The loops at the end are protected by an abrasion resistant thimble.
- Available in lengths: 1.0m, 1.5m, 1.8m, and 2.0m.
- All Lanyards with different combinations of connectors are individually certified as per EN 355 : 2002.

**HEAD PROTECTION**

**ENERGY ABSORBING FORKED WEBBING LANYARD**

**Ref. APS 176**
- **Connecting Element**: 12mm dia 3 Strands Twisted Polyamide Rope
- **Connector at Harness end**: Karabiner APS 157
- **Connector at Anchorage end**: 2 nos. of Scaffold Hook APS 152
- **Length**: 1.5m, 1.8m & 2.0m

**TWISTED ROPE ENERGY ABSORBING FORKED LANYARD**
- **Ref. APS 177**
  - **Connecting Element**: 10.5mm dia Kernmantle Rope
  - **Connector at Harness end**: Karabiner APS 157
  - **Connector at Anchorage end**: 2 nos. of Scaffold Hook APS 152
  - **Length**: 1.5m, 1.8m & 2.0m

**KERNMANTLE ROPE ENERGY ABSORBING FORKED LANYARD**
- **Ref. APS 177**
  - **Connecting Element**: 10.5mm dia Kernmantle Rope
  - **Connector at Harness end**: Karabiner APS 157
  - **Connector at Anchorage end**: 2 nos. of Scaffold Hook APS 152
  - **Length**: 1.5m, 1.8m & 2.0m
ROPE GRAB FALL ARRESTERS

ALKO PLUS Rope Grab Fall Arresters have a wide application of usage in fall arrest while climbing, and in restraint while working on rooftops, platforms and inclined planes.

In the event of a fall, they are designed to "grab" on to the Anchorage Line on which they move, thus arresting the fall immediately. The Anchorage line, in conjunction with the given Rope Grab provides the necessary Shock Absorption.

ALKO PLUS Rope Grab APS 261 is a detachable Rope Grab Device, made up of high strength steel. It moves freely along the polyamide twisted rope anchorage line (14mm to 16mm dia), attached at its eye with the user, while he moves up and down. The rope grab immediately ‘grabs’ on to the line in the event of a fall, thereby arresting the fall.

Conforms to EN 353-2:2002

ALKO PLUS Rope Grab is provided with a unique Gravity Locking system that prevents incorrect usage. It is also equipped with a double security opening system, and hence will not open unless a deliberate action taken.

REF. APS 261
• Fall Arrester with Karabiner
• Steel Karabiner APS 157 as an attachment element.

REF. APS 261 (A)
• Fall Arrester with Energy Absorber
• Energy Absorber APS 261 and Steel Karabiner APS 157 as an attachment element.
ROPE ACCESS & RESCUE

Rope Access technique of movement on a rope should only be used when traditional access systems cannot be installed. The basic rope access equipment should be used with a fall protection system. Rescue technique is used in an emergency hence it is naturally the most sensitive. This intervention can be performed by the user him/herself, if he/she is conscious and has the necessary equipment for self-extraction, or by a helper. In this situation it is necessary to be able to reach the victim, release him/her to complete safety and move the person upwards or downwards.

Various work applications like window cleaning, exterior facade maintenance, crack filling, bridge expansion etc. require the worker to be suspended from height. ALKO PLUS grip descender is a light weight easy to operate device that is used with a Suspension harness (APS 456). For additional comfort, a Seat Swing (APS 300) can be used with the Suspension harness.

It is a manually operated controlled descent device, ideal for descent on a single rope. It is important to use appropriate fall arrest system along with the ALKO PLUS grip descender.

This is also an ideal device which can be used by trained personnel in an emergency situation for Rescue, to lower a casualty from an elevated work station.

Features:
- Works on a 10.5mm Kernmantle Rope.
- Material of construction is Aluminium Alloy. It is extremely light in weight and highly corrosion resistant.
- Equipped with a unique dual self-braking system which initiates the brake as soon as the handle is released or clasped too tightly (in panic situations).
- Conforms to EN 341 Class-A.

ALKO PLUS GRIP DESCENDER IS IDEAL FOR RESCUE:
- RESCUE EVACUATION - Descent Assisted by Rescuer
- RESCUE EVACUATION - From a Fixed Anchor-point
When prolonged suspension is required...

**Twisted Rope Anchorage Line**
(to be used with ALKO PLUS Fall Arresters)
- Made of 3-Strand polyamide twisted rope of dia 14 mm
- One side loop; other side end stop knot (Also Available with Both Side Loops)
- Length: 10m Ref. APS 710
  - 20m Ref. APS 720
  - 30m Ref. APS 730
  - 40m Ref. APS 740
  - 50m Ref. APS 750
  - 100m Ref. APS 7100
- 150m Ref. APS 7150
- 200m Ref. APS 7200
- Longer lengths are also available on request

**Kernmantle Rope Anchorage Line**
(to be used with ALKO PLUS Fall Arresters)
- Made of Kernmantle rope of dia 10.5 mm
- One side loop; other side end stop knot (Also Available with Both Side Loops)
- Length: 10m Ref. APS 710K
  - 20m Ref. APS 720K
  - 30m Ref. APS 730K
  - 40m Ref. APS 740K
  - 50m Ref. APS 750K
  - 100m Ref. APS 7100K
- 150m Ref. APS 7150K
- 200m Ref. APS 7200K
- Longer lengths are also available on request

**SEAT SWING**
- The loops at the end of the polyester webbing straps can be easily attached to the ventral D-ring of the Harness as mentioned.
- Straps are adjustable.
- 3 equipped loops.
- Easy positioned on the back when not in use.
- Soft cushioned sides prevents the webbing straps from cutting into the thighs.
- The webbing straps have a breaking strength of more than 23 kN.
- Ergonomic & comfortable working chair.

**WEBBING**
- Material: Polyester
- Width: 44 x 1.1 mm
- Breaking Strength: 23 kN

**METAL COMPONENTS**
- Material: High strength steel

REF. APS 300
This accessory by ALKO PLUS can be attached to ALKO PLUS Harness - APS 456 having a ventral D-ring at the waist level (ventral) to which the Karabiner is attached.

When done, the Seat Swing provides a comfortable seating for extended time during long hours of work, suspended at a height.

The re-enforcement in the Seat Swing makes it robust yet light in weight, weighing not more than 1.3 Kg.
**SELF CONTAINED SAFETY KITS**

ALKO PLUS launches a comprehensive range of customized KITS suitable to work specific use as per the standardized needs. The design of all the equipment used in ALKO PLUS KITS is inspired by the user’s safety and comfort requirements.

**MAINTENANCE & WINDOW CLEANING KIT | REF. APS 5001**

This Kit is meant to fulfill all the purposes and requirements of personal engaged in maintenance jobs at height.

- **Full Body Harness**
  - Ref. APS 456 (1 No.)
- **Anchorage Webbing Sling**
  - Ref. APS 170 (2 Nos.) (1.2 mtr)
- **Karabiner**
  - Ref. APS 157 (3 Nos.)
- **Grip Descender**
  - Ref. APS 201 (1 No.)
- **Tool Bag**
  - Ref. APS 221 (1 No.)
- **Polyamide Rope**
  - Ref. APS 750 (14mm) (50 mtr)
- **Kernmantle Rope**
  - Ref. APS 750K (10.5mm) (50 mtr)
- **Anchorage Webbing Sling**
  - Ref. APS 170 (2 Nos.) (1.2 mtr)
- **Universal Kit Bag**
  - Ref. APS 220
ALKO PLUS Rescue Kit offers a complete and immediate solution for rescue of a victim of fall from height, as he lays suspended with his fall arrest equipment.

**TRICK LEASH**
- Full Body Harness Ref. APS 456 (1 No.)
- Tool Bag Ref. APS 221 (1 No.)
- Karabiner Ref. APS 157 (3 Nos.)
- Anchorage Webbing Sling Ref. APS 170 (2 Nos.) (1.2 mtr)
- Grip Descender Ref. APS 201 (1 No.)
- Forked Lanyard Ref. APS 177 (1 No.)
- Knife Ref. APS 210

**HEAD PROTECTION**
- Anchorage Webbing Sling Ref. APS 170 (2 Nos.) (1.2 mtr)
- Grip Descender Ref. APS 201 (1 No.)
- Karabiner Ref. APS 157 (3 Nos.)
- Full Body Harness Ref. APS 456 (1 No.)
- Tool Bag Ref. APS 221 (1 No.)
- Work Positioning Lanyard Ref. APS 302 (1 No.)
- Anchorage Webbing Sling Ref. APS 170 (2 Nos.) (1.2 mtr)

**Forked Lanyard**
- Ref. APS 177 (1 No.)

**SELF CONTAINED SAFETY KITS**

**HEAD PROTECTION**
- RESCUE KIT | REF. APS 5002
- FALL ARRESTOR
- Polyamide Rope Ref. APS 750 (14 mm) (50 mtr)
- Kernmantle Rope Ref. APS 750K (10.5 mm) (50 mtr)
- Work Positioning Lanyard Ref. APS 302 (1 No.)
- Forked Lanyard Ref. APS 177 (1 No.)

**TOWER KIT | REF. APS 5003**
- Tool Bag Ref. APS 221 (1 No.)
- Work Positioning Lanyard Ref. APS 302 (1 No.)
- Universal Kit Bag Ref. APS 220
- Polyamide Rope Ref. APS 750 (14 mm) (50 mtr)
- Fall Arrestor Ref. APS 251 (1 No.)

**This Kit is designed for the personnel engaged in working on high rise tower with an extra facility of bigger Hooks & easily adjustable Lanyards to suit the requirement of the working individual.**
Head Protection is required in almost every industry where there is a risk of being injured from falling objects or when working in areas of restricted head space.

ALKO PLUS range of safety helmets offers the combination of exceptional comfort, simple integration of additional personal protective equipment and modern stylish design.

ALKO PLUS range of safety helmets is a testimony to a service that has constantly evolved to provide the finest in head protection to personnel working under most challenging environments.
ALKO PLUS range of Safety Helmets comes with plethora of features that not only offer the protection intended, but also with the comfort and design that ensures usage for long working hours.

**ALL DAY COMFORT**
Equipped with all the features of light-weight, rigid nature, and comfortable in wearing. ALKO PLUS Safety Helmets can be worn continuously for long durations.

**BALANCED & STABLE**
With a secure head harness and low-profile designs, ALKO PLUS Helmets deliver maximum stability and perfect balance.

**BUILT TO LAST**
Manufactured from virgin premium grade, UV stabilized Polymer with no re-grind, ALKO PLUS Safety Helmets are built to withstand toughest of environments.

**TESTED AND CERTIFIED**
ALKO PLUS Safety Helmets are tested and certified.

**PERFORMANCE & PROTECTION**
Prepared for real life harsh industrial conditions, ALKO PLUS Safety Helmets minimize and effectively disperse the impact forces.

**EXTENSIVE PPE CONNECTIVITY**
Quickly adaptable in field to changing Safety industrial hazards, ALKO PLUS Helmets are designed seamlessly to protect its users in combination with eye, face and hearing protection.

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**TEST FOR SHOCK ABSORPTION**
The test ensures that the helmet with stands a specified penetration force, and does not show signs of piercing, denting or failure of any of its integral parts.

**TEST FOR PENETRATION RESISTANCE**
This test is performed on the helmet after conditioning it at different temperatures as defined in the relevant Norms. It is important to ensure that the helmet limits the impact of force transmitted to a head form to within the specified limits mentioned in the Norms.

**FLAME RESISTANCE TEST**
Carried out on all the Helmets to ensure their proper finish and functionality.

**WATER ABSORPTION TEST**
This test is carried out on ALKO PLUS Helmets to ensure that there is minimal water absorption by the helmet under specified test conditions.

**MARK OF QUALITY & TRACEABILITY of ALKO PLUS Safety Helmets**
All ALKO PLUS Helmets are also provided with a unique Batch number for each batch being manufactured, ensuring 100% traceability.

**TEST FOR PENETRATION RESISTANCE**
This test is performed on the helmet after conditioning it at different temperatures as defined in the relevant Norms. It is important to ensure that the helmet limits the impact of force transmitted to a head form to within the specified limits mentioned in the Norms.

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All ALKO PLUS Helmets are also provided with a unique Batch number for each batch being manufactured, ensuring 100% traceability.

**TEST FOR PENETRATION RESISTANCE**
This test is performed on the helmet after conditioning it at different temperatures as defined in the relevant Norms. It is important to ensure that the helmet limits the impact of force transmitted to a head form to within the specified limits mentioned in the Norms.

**MARK OF QUALITY & TRACEABILITY of ALKO PLUS Safety Helmets**
All ALKO PLUS Helmets are also provided with a unique Batch number for each batch being manufactured, ensuring 100% traceability.
NAPE-STRAP SAFETY HELMET

- The shell is made of specially formulated polymer which gives it an increased strength.
- The six point attachment of the cradle within the shell has a unique angular placement to provide optimum shock absorption.
- Provided with an adjustable chin strap for universal adjustment.
- Conforms to IS 2925:1984.

EXCEL (NAPE TYPE) SAFETY HELMET

- The shell is made of specially formulated polymer which gives it an increased strength.
- The four point attachment of the cradle within the shell has a unique angular placement to provide optimum shock absorption.
- The headband is made of non-irritant and soft fabric to provide maximum comfort to the user.
- Provided with an adjustable chin strap for universal adjustment.
- Comes with Manual adjustment type to suit most head sizes.
- Conforms to IS 2925:1984.
HEAD PROTECTION

REF. APS 121
EXCEL (RATCHET) SAFETY HELMET
WITH VENTILATED SLOTS

- The ratchet adjustment can be set to the correct head size by turning the hand-wheel.
- The adjustment position is locked when the hand-wheel is released.
- Conforms to IS 2925:1984.

SHADES OF SAFETY HELMETS

- Yellow
- White
- Dark Blue
- Green
- Red
- Violet
- Orange
- Sky Blue
- Grey
- FL-Green
- FL-Orange

HEAD PROTECTION

REF. APS 53
EXCEL (RATCHET) SAFETY HELMET
WITH VENTILATED SLOTS

- The shell is made of specially formulated polymer which gives it an increased strength.
- Has increased vertical clearance, along with the crown-cooling vents for increased airflow. Ideal for hot working atmosphere.
- Comes with Manual adjustment type to suit most head sizes.
- Conforms to IS 2925:1984.

REF. APS 131
EXCEL (NAPE TYPE) SAFETY HELMET
WITH VENTILATED SLOTS

- The ratchet adjustment can be set to the correct head size by turning the hand-wheel.
- The adjustment position is locked when the hand-wheel is released.
- Conforms to IS 2925:1984.
The portfolio of ALKO PLUS Safety Footwear encompasses a wide range of products that are manufactured and certified to the highest quality standards.

The manufacturing process in ALKO PLUS Footwear production involves highly controlled machines and processes whose outcome is a product that has passed through strict quality parameters till its final stage of packaging.

A dedicated designing team and a highly equipped laboratory enables ALKO PLUS to evolve and innovate to fulfill the safety requirements of its esteemed customers, to suit their needs in toughest of the work conditions.
UNIQUE FEATURES / CROSS-SECTION VIEW

**FOOT PROTECTION**

- **EYELETS**
  - With high corrosion resistance

- **TONGUE**
  - Cushioned with PU Foam for extra comfort

- **CARBON STEEL / COMPOSITE TOE CAP**
  - For maximum safety

- **VAMP LINING**
  - Breathable for enhanced ergonomics

- **EVA MOULDED**
  - Insock for better cushioning

- **HEAVY Insock**
  - For extra Shock Absorption

- **MID SOLE**
  - For maximum durability

- **ROBUST OUT SOLE**
  - For maximum durability

- **THERMOPLASTIC STIFFENER**
  - For extra Shock Absorption

- **QUATER LINING**
  - Breathable for enhanced sweat absorption

- **EVAPORATIVE**
  - Breathable for enhanced sweat absorption

- **THERMAL PROPERTIES**
  - Breathable for enhanced sweat absorption

- **MAKING OF QUALITY & TRACEABILITY**
  - All ALKO PLUS Shoes are also provided with a unique Batch number for each batch being manufactured, ensuring 100% traceability.

**FOOT PROTECTION**

ALKO PLUS SAFETY FOOTWEAR SUBJECTED TO A SERIES OF QUALITY TESTS IN THE WELL EQUIPPED ALKO PLUS FOOTWEAR-TESTING LABORATORY....

**TO ENSURE THAT ONLY THE BEST REACHES THE VALUED CUSTOMER!**

- **ABRASION RESISTANCE TEST**
  - This Test is carried out to assess the capability of the Outsole to resist against abrasion.

- **PERMEABILITY TEST**
  - Property of material to permit odour to pass through it, is checked in this test.

- **COMPRESSION RESISTANCE TEST**
  - The Steel Toe Cap also protects the foot from compression loads. According to Indian and European Standards, the Clearance below Toe Cap after applying 15kN compression load should not be less than specified value.

- **ELECTRICAL RESISTANCE TEST**
  - This test is performed to measure the electrical resistance of Shoe.

- **STEEL TOE IMPACT TEST**
  - The Steel Toe Cap also protects the foot from falling objects. This test is carried out to ensure that there is enough Safety Clearance (as per a specified value in the Norms) below the Toe Cap after an impact of 200 Joules.

- **PENETRATION RESISTANCE TEST FOR MID-SOLE**
  - The Shoe is provided with a Steel Mid Sole to protect the foot from any sharp objects penetrating Shoe Sole. According to Indian and European Standard, Nail should not penetrate at 1100N.

**QUALITY AS STRONG AS STEEL, REPUTATION AS PRESTIGIOUS AS GOLD.**
**FOOT PROTECTION**

**INDUSTRIAL SAFETY FOOTWEAR**

**PVC RANGE (Polyvinyl Chloride)**

- **REF. APS 551** (Design - A)
  - Worker’s safety shoe providing safety with comfort.
  - Upper: Made from Synthetic Leather
  - Quarter Lining: Black fabric padded with soft foam
  - Sole: Flexible PVC
  - Sizes: 6 to 10

- **REF. APS 581** (Design - A)
  - Full PVC moulded worker’s safety shoe.
  - Upper: Made from Flexible PVC
  - Quarter Lining: Soft Cotton Lining
  - Sole: Flexible PVC
  - Sizes: 6 to 10

- **REF. APS T2** (Design - A)
  - Smart worker’s safety shoe providing safety with comfort.
  - Upper: Made from Synthetic Leather
  - Quarter Lining: Black fabric padded with soft foam
  - Sole: Flexible PVC
  - Sizes: 6 to 10

- **REF. APS T7** (Design - B)
  - Smart lace up shoe providing protection to the ankle.
  - Upper: Made from Synthetic Leather
  - Quarter Lining: Orange fabric padded with soft foam
  - Sole: Flexible PVC
  - Sizes: 6 to 10

- **REF. APS 4551** (Design - A)
  - Workman’s shoe for complete foot safety.
  - Upper: Made from Buff Black Leather
  - Quarter Lining: Black Cambrelle Lining
  - Sole: Flexible PVC
  - Standard: Conforms to IS 15298 (Part 2):2011
  - Sizes: 6 to 10
Worker's safety shoe providing safety with comfort.

Upper: Made from Buff Black Leather
Quarter Lining: Black fabric padded with soft foam
Vamp Lining: Highly abrasion resistant fabric lining
Sizes: 5 to 12

Sole Features:
- Single density PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Worker's safety shoe providing safety with comfort.

Upper: Made from Buff Black Leather
Quarter Lining: Black Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 5 to 12

Sole Features:
- Single density PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.
FOOT PROTECTION

INDUSTRIAL SAFETY FOOTWEAR
PU RANGE (Polyurethane)

Executive safety shoe providing safety with comfort.

- Upper: Made from Full Grain Leather
- Quarter Lining: Black Cambrelle lining
- Vamp Lining: Highly abrasion resistant fabric lining
- Standard: Conforms to IS 15298 (Part-2):2011
- Sizes: 5 to 12

Sole Features
- Single density PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 1052 (Design - A)

Safety shoe providing complete protection to the ankle.

- Upper: Made from Full Grain Leather
- Quarter Lining: Grey Cambrelle lining
- Vamp Lining: Highly abrasion resistant fabric lining
- Standard: Conforms to IS 15298 (Part-2):2011
- Sizes: 5 to 12

Sole Features
- Single density PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 1091 (Design - B)

Smart Worker’s safety shoe providing safety with comfort.

- Upper: Made from Full Grain Leather
- Quarter Lining: Grey Cambrelle lining
- Vamp Lining: Highly abrasion resistant fabric lining
- Standard: Conforms to IS 15298 (Part-2):2011
- Sizes: 6 to 11

Sole Features
- Double density PU/PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 2100 (Design - A)

Smart Worker’s safety shoe providing safety with comfort.

- Upper: Made from Full Grain Leather
- Quarter Lining: Grey Cambrelle lining
- Vamp Lining: Highly abrasion resistant fabric lining
- Standard: Conforms to IS 15298 (Part-2):2011
- Sizes: 6 to 11

Sole Features
- Double density PU/PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.
FOOT PROTECTION

Smart Worker’s safety shoe providing safety with comfort.

**Upper**  Made from Full Grain Leather
**Quarter Lining**  Mesh padded with soft foam
**Vamp Lining**  Highly abrasion resistant fabric lining
**Standard**  Conforms to IS 15298 (Part-2):2011
**Sizes**  6 to 11

**Sole Features**
- Double density PU/PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 2025 (Design - A)

FOOT PROTECTION

Executive safety shoe providing safety with comfort.

**Upper**  Made from Soft Suede Leather
**Quarter Lining**  Grey Cambrelle lining
**Vamp Lining**  Highly abrasion resistant fabric lining
**Standard**  Conforms to IS 15298 (Part-2):2011
**Sizes**  6 to 11

**Sole Features**
- Double density PU/PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 2052 (Design - A)

FOOT PROTECTION

Smart lace up shoe providing complete protection to the ankle.

**Upper**  Made from Ruff Black Leather
**Quarter Lining**  Mesh padded with soft foam
**Vamp Lining**  Highly abrasion resistant fabric lining
**Sizes**  6 to 11

**Sole Features**
- Double density PU/PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 2075 (Design - B)

FOOT PROTECTION

Smart Worker’s safety shoe providing safety with comfort.

**Upper**  Made from Soft Suede Leather
**Quarter Lining**  Grey Cambrelle lining
**Vamp Lining**  Highly abrasion resistant fabric lining
**Standard**  Conforms to IS 15298 (Part-2):2011
**Sizes**  6 to 11

**Sole Features**
- Double density PU/PU sole.
- Cleated outsole with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

REF . APS 2068 (Design - A)
Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

INDUSTRIAL SAFETY FOOTWEAR
PU RANGE (Polyurethane)
double density

THERMOPLASTIC STIFFENER
For excellent shape to the heel

LACES
Strong Laces for better grip

ROBUST OUT SOLE
For maximum durability

TONGUE
Cushioned with PU Foam for extra comfort

VAMP
Made of Grain Leather

REINFORCED TOE
For maximum safety (tested to withstand more than 200 J)

FOOT PROTECTION
X-SERIES

Executive safety shoe providing safety with comfort.

Upper: Made from Full CG Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buff Crazy Horse Brown Leather
Quarter Lining: Brown Breathable lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Full CG Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
- Cleated outside with wider cleats for higher grip and self cleaning effect.
- Oil / Acid resistant, Anti Slip and Heat Resistant with shock absorbing property.

Executive safety shoe providing safety with comfort.

Upper: Made from Buffalo Leather
Quarter Lining: Grey Cambrelle lining
Vamp Lining: Highly abrasion resistant fabric lining
Standard: Conforms to IS 15298 (Part-2):2011
Sizes: 6 to 11

Sole Features:
- Double density PU/PU sole.
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The Fall Arrest Safety Nets by ALKO PLUS prevent fatalities and serious accidents when working at height by providing a collective level of protection. The fundamental principle governing the design and performance of ALKO PLUS safety nets are as follows:

- Made from high strength polypropylene ropes which are able to withstand the required load.
- Special knotting of the meshes work towards effective Shock Absorption, hence minimizing any impact related injury on to the worker.
- Since the net is manufactured manually, there may be variation of 10% to 15% in the mesh size.

ALKO PLUS has been operating nationwide in providing the best fall arrest safety net solution in the construction industry, to enable the workers to work safely and effectively at heights.

SAFETY NETS

2 mm DOUBLE CORD SAFETY NET
- Mesh size: 25 mm X 25 mm OR 50 mm X 50 mm
- Mesh rope: 2 mm dia double cord
- Border rope: 12 mm dia PP rope
- Tie rope: 12 mm dia PP rope of 2 meters length at every 2 meter interval

OVERLAY SAFETY NET
- Mesh size: 100 mm x 100 mm
- Mesh rope: 4 mm dia PP rope
- Border rope: 12 mm dia PP rope
- Overlay net: Containment net of 1 mm dia twine, mesh size: 15-22 mm
- Tie rope: 12 mm dia PP rope of 2 meters length at every 2 meter interval

- Since the net is manufactured manually, there may be variation of 10% to 15% in the mesh size.
REFLECTIVE SAFETY VESTS
REFLECTIVE SAFETY VESTS

- Stitched with highly reflective tape.
- 100% Polyester Plain or Mesh Type Fabric available.
- Comes in average universal size to fit the persons of all body sizes.
- Colors Available: Orange, Green, Blue, Yellow, Red.

Reflective Vests with 1” Micro Prismatic & Glass Bead Tape.
REF . APS 541

Reflective Vests with 2” Micro Prismatic & Glass Bead Tape.
REF . APS 542

Reflective 2 side opening CROSS BELT with 2” Micro Prismatic & Glass Bead Tape.
REF . APS 511

Reflective 3 side opening Vest with 2” Glass Bead Tape & Micro Prismatic.
REF . APS 521
Make ALKO PLUS, a globally respected name in Personal Protective Equipment industry.

Focus on customer delight.

Build corporate image.

Enhance safe work culture and environment.

Set benchmarking standards for corporate governance.