



UFS[®]
PROTECTS
always protecting

Innovating In Fall Protection



Disclaimer

The information provided in this catalog is based on the technical data that UFS obtained under laboratory conditions it believes to be reliable. UFS does not guarantee results and takes no liability or obligation in connection with this information. Since conditions of end- use are beyond our control, it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their specific end-use conditions, at their discretion and risk. Please ensure that this information is only to check that the product selected is suitable for the intended use. Any product that is damaged, torn, worn, or punctured should be discontinued from usage immediately.



**UFS is committed to
delivering the innovative and
user friendly products across
the globe**

COMPANY PROFILE

CERTIFICATIONS

OPERATIONS AT UFS

Operations
Testing And Quality Assurance



HARNESSES & BELTS

01-22

UFS Nero series
UFS Elite series
UFS Pro series
UFS Prime series
UFS Max series
Suspension Trauma



LANYARDS

23-53

Lanyard
Energy Absorber
Rope Lanyard TR-Series
Energy Absorbing Lanyard E.A. TR-Series
Rope Lanyard KR-Series
Energy Absorbing Lanyard E.A. KR-Series
Webbing Lanyard Series
Energy Absorbing Webbing Lanyard Series
Internal Shock Absorbing Expandable Lanyard Series
Expandable Lanyard Series
Forked Lanyard Series
Twin Legged Energy Absorbing Lanyard
Forked Restraint Lanyard Series
Work Positioning Lanyard Series
Anchorage Webbing Sling
Anchorage Line with Rope Grab Fall Arrester



HOOKS & CONNECTORS

53-59

Standardized Metal Component
Scaffold Hook, Manual Carabiner, Auto-Lock Carabiner, Rope Length Adjuster, Snap Hook, ANSI Steel Snap Hook, Rope Grab Fall Arrester, D-Ring, Double D-Ring, Tongue Buckle, Parachute Frame and Buckle, Combination Frame and Buckle, Stamped D-Ring, B-Ring, Quick Release Automatic Buckle, Spring Buckle



RETRACTABLE FALL ARREST BLOCK

60-81

Wire Rope Retractable Fall Arrest Block, Webbing Lanyard Retractable Fall Arrest Block, Wire Rope Retractable Fall Arrest Block Edge Protection



ROPE ACCESS & RESCUE

UFS MATERIAL HANDLING KIT USP-1050

82-86

Descender, Lory, Single Pulley, Double Pulley, Right Hand Jumar, Kernmantle Rope, Manual Carabiner, Auto Lock Carabiner, Round Webbing Sling, Webbing Sling, UFS kit Bag.



ROPE ACCESS & RESCUE

MAINTENANCE & WINDOW CLEANING KIT USP-1051 **87-90**

Rope Grab Fall Arrester, Manual Carabiner, Anchorage Webbing Sling, Kernmantle Anchorage Line, Twisted Anchorage Line, Lory, UFS kit Bag, UFS Tool Bag

ROPE ACCESS & RESCUE KIT USP-1052 **91-99**

Rope Grab Fall Arrester, Carabiner, Right / Left Hand Jumer, Twisted Anchorage Line, Kenamental Rope, Lorry, Work Positioning Lanyard, Anchorage Webbing Sling, Cow Tail, Foot Loop, Forked Lanyard, Full Body Harness, Rescue Knife, UFS Kit Bag. Stretcher, Drill-Powered Rescue Device, Battery Powered Rope Ascender



CONFINED SPACE EQUIPMENT **100-107**

- TRIPOD - USP-TP700
- TRIPOD - USP-TP800
- WINCH - USP-WN710
- UFS-MONOPOD - USP-800 (MP)
- UFS-U POD - USP-800



TEMPORARY LIFELINE SYSTEM **108-110**

- TEMPORARY LIFELINE SYSTEM (2 MEN)
- TEMPORARY HORIZONTAL LIFELINE SYSTEM (4 MEN)
- EDGE PROTECTOR



FIXED LINE SYSTEM **111-124**

VERTICAL LIFELINE SYSTEM

- USP-1000
- USP-1000A
- USP-2000
- USP-2000A
- USP-5000
- USP-6000

HORIZONTAL LIFELINE SYSTEM **125-133**

- USP-11000 (OVER THE ROOF)
- USP-12000 (OVER THE ROOF)



ANCHORAGES **134-146**

- Fixed Anchor
- Aluminium Fixed Anchor
- Steel Anchor
- Corner Bracket
- Beam Roller
- Beam Anchor
- Door & Window Anchor



WALKWAY **147-149**

HANDRAIL **150**

ALUMINIUM SKYLIGHT PROTECTION **151**

NET & ROPE LADDER, RESCUE & EVACUATION SYSTEM

- SAFETY SHOES**
- EYE PROTECTION**
- EAR PROTECTION**
- HEAD PROTECTION**
- WELDING PROTECTION**



UFS is committed to delivering the best of products everytime, everywhere.



Profile

We take immense pride in being an ISO 9001:2015 certified company, dedicated to the field of Safety. UFS stands as a trusted and renowned brand in the industry, gaining recognition as one of the fastest-growing companies globally in the realm of Fall Protection Products and Systems.

Quality is at the heart of everything we do. Every safety product manufactured at UFS undergoes rigorous quality checks at multiple stages of production. Our team of highly experienced professionals maintains vigilant oversight over the production line to ensure that each piece meets the stringent quality standards expected by our global clientele.

Our state-of-the-art in-house production facility boasts cutting-edge machinery and equipment, enabling us to produce top-quality products consistently. We are committed to innovation, exemplified by products like the Retractable Fall Arrest Blocks and Fixed Line Systems, aimed at providing the best in safety.

Our product range is extensive, encompassing Full Body Harnesses, Lanyards, Connectors, Retractable Fall Arrest Blocks, Horizontal & Vertical Lifeline Systems, Confined Space Equipment, Material Handling Kits, Anchorage Solutions and Walkways, Handrail.

We take pride in being pioneers in manufacturing all kinds of Safety Materials and excel in HEIGHT SAFETY and FALL PROTECTION. UFS offers a comprehensive solution for all safety-related needs and queries, globally.

Our products adhere to international and Indian IS 3521:1999 standards and are certified under EN standards by the ANCCP Certification Agency, Italy (0302). UFS has the capability to manufacture products as per ANSI product line. "UFS" safety products are in high demand in countries like the United Kingdom, Mexico, the Middle East, Japan, Brazil, Hong Kong, Turkey, Poland, Spain, and more, both under our brand name and as OEM manufacturers.

Vision

To become a global leader in our line of business backed by state-of-art technology and quality products leveraging on our human resources.

For the past 27 years, UFS has built a reputation as a leader in Fall Protection and PPE worldwide. Our mission underscores our commitment to the safety of millions of workers at height across the globe. In the last two decades, we have dedicated ourselves to understanding our customers' needs and manufacturing products that comply with global safety standards.

Our fall protection solutions now cater to a wide range of industries, including Telecommunication, Oil & Gas, Engineering, Power Transmission, Solar, and Construction. Constant innovation and a focus on Research and Design have empowered us to offer industry-first solutions for personnel working in hazardous industrial conditions.

Manufacturing at UFS utilizes the best technology, finest machinery, and highly skilled manpower for critical operations. With over 150 products under the UFS banner, we continually enhance our operations, embracing better processes and technology at every step.

UFS is committed to safety at all levels of life. Our mission to create a safer world starts within our organization, where our staff is equipped and trained to handle safety equipment effectively. Our dedicated R&D, Production, and Quality teams tirelessly work towards developing new and pioneering products, aligning with our vision of a Zero Accident & Injury Free World.

UFS Strength

- ◆ Our own product development and production facilities with latest machinery.
- ◆ Constant quality control and assurance of short lead times
- ◆ Compliance with customers requirements
- ◆ Prompt delivery and services both domestic and overseas through team of dedicated field staff.
- ◆ Constant R & D endeavour for product development.

In pursuit of excellence.....

Certifications



Product Certification (Module D) Product Certification (CE)

Products Manufactured by "UFS" are CE Certified. Our Certification have been issued by certification Body ANCCP Certification Agency, Italy in accordance with Annex VIII of the Regulation (EU) 2016/425. The Notified Body Number of ANCCP is 0302. EN Body approved Products are marked "CE 0302"

Systems Certification : ISO:9001:2015

"UFS" has secured this certification under which all processes and systems are scrupulously monitored to deliver Quality Product at each stage of manufacturing.

Fall protection is the use of restraints designed to protect workers from falling or to stop a fall without causing serious injury to them. Typically, fall protection is implemented when working at height, but it may be relevant when working near an edge, such as near a pit or hole, or when working on a steep surface. Fall protection systems are designed to prevent or prevent falls from height.

Anchor/ Anchorage Points

Anchor points are critical components of fall protection systems. They are secure attachment points to which fall protection equipment, such as lanyards or lifelines, are connected to prevent or arrest a fall. These anchor points must be capable of withstanding the forces generated during a fall and must be properly selected, installed, and inspected to ensure their effectiveness.



Full Body Harness

The full body harness plays a crucial role in an active fall arrest system. It serves to evenly distribute impact forces across the user's body in the unfortunate event of a fall, ensuring that the individual remains suspended in an upright position post-fall. Additionally, the harness offers ample freedom of movement, allowing the user to execute their job safely and effectively.



Lanyards

A lanyard links a harness to an anchor in a fall protection system, suitable for fall arrest or restraint based on the task and equipment. It permits limited lateral movement and the free fall distance depends on its length and anchor placement.



Hooks & Connectors

Connectors points: Hooks & connectors play a pivotal role in an active fall arrest system, as they facilitate the integration of various components into a cohesive fall arrest system. Within this context, a variety of hardware connectors come into play, such as hooks, carabiners, anchorage extensions, and metal links. The selection of the appropriate connector hinges upon a comprehensive understanding of the strength and functionality prerequisites for the specific application at hand.



Retractable Fall Arrester Devices

Modern retracting lifeline devices have transformed safety at heights. These portable marvels, anchored above the work area, offer dynamic lifeline control, swift fall arrest, and integrated shock absorption. It serves as automatic taut lanyards. The lifeline, connected directly to the worker's body belt or harness, extends and retracts as needed while maintaining tension. Whether on sloping roofs or angular structures, they maintain tension without hindering work, setting a new standard for safety in high-risk environments.



Temporary Lifeline Systems

Temporary lifeline systems are becoming indispensable for ensuring safety at construction sites and other high-risk work environments. These versatile systems provide reliable fall protection by offering easy installation, adjustable lifeline lengths, and robust anchor points. They empower workers to focus on their tasks with peace of mind, making them a crucial component of modern safety protocols.



Fixed Lifeline Systems

Fixed lifeline systems are pivotal in providing dependable fall protection in diverse work environments. These permanently installed systems feature sturdy anchor points and taut lifelines, offering continuous safety for workers at height. With their low-maintenance design and adaptability to various structures, fixed lifeline systems serve as a cornerstone of long-term safety measures, ensuring worker well-being while minimizing downtime and risks.

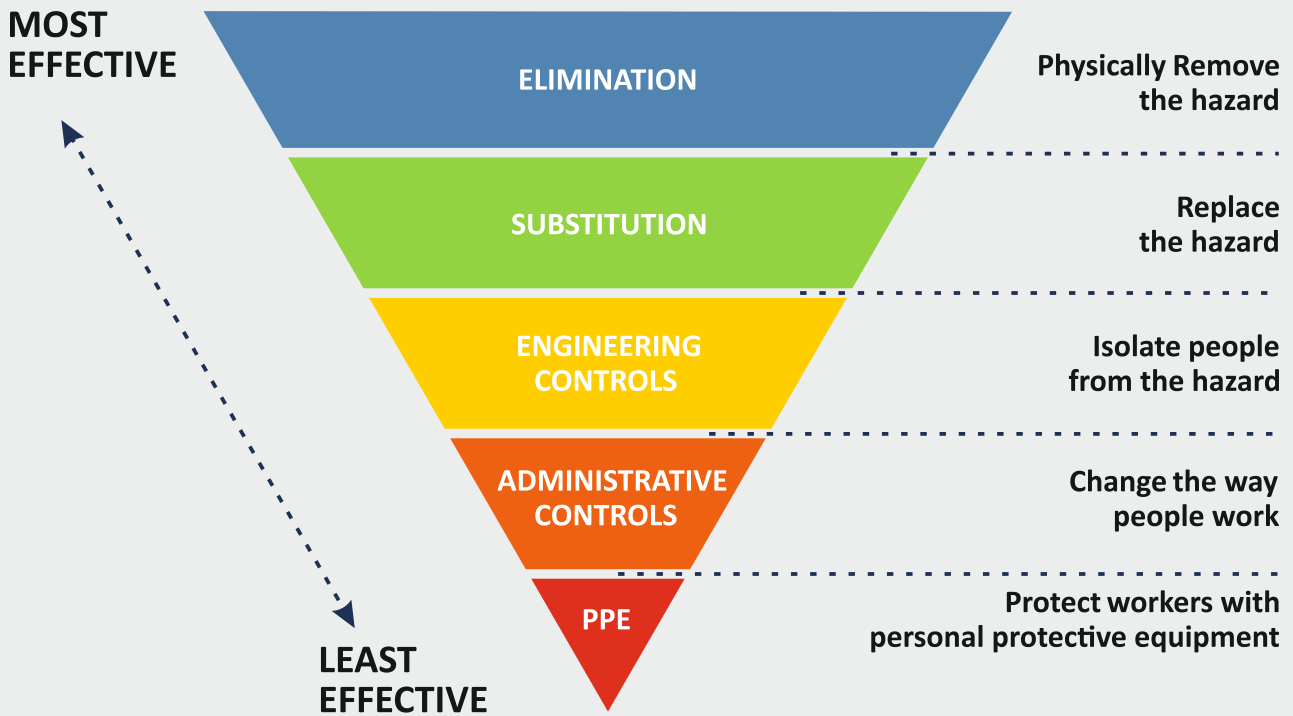


Confined Space Equipment

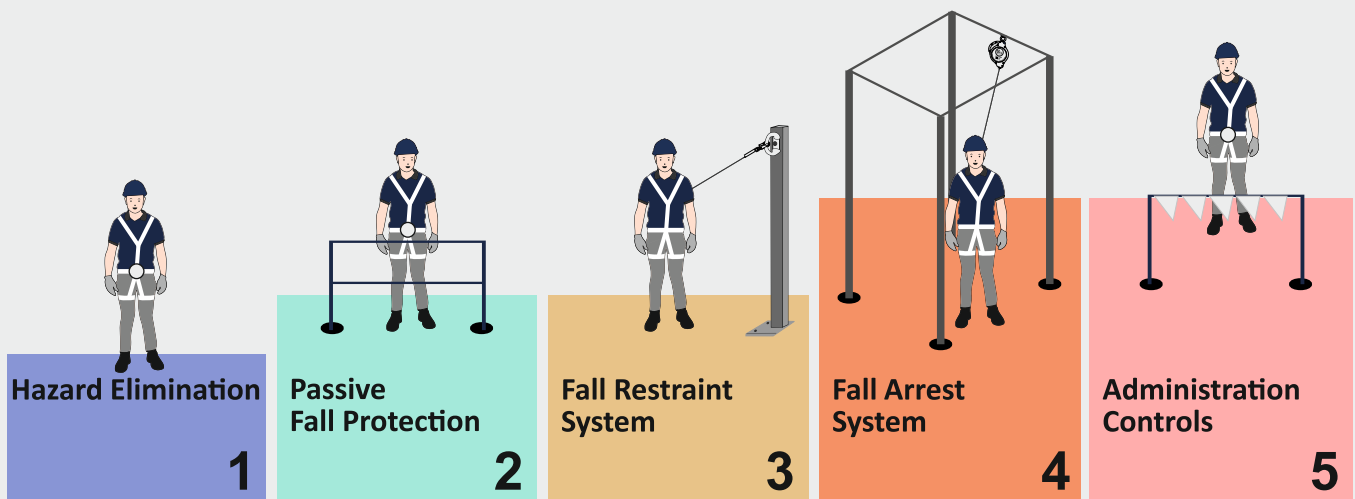
Confined spaces are defined as areas intentionally designed with restricted entry and exit points. Some examples of confined spaces include storage tanks, process vessels, ship compartments, pits, sewers, boilers, tunnels, and pipelines. Confined space fall arrest equipment is crucial for ensuring the safety of workers in confined or tight spaces and is used to ensure safe entry and exit from these confined spaces. There are various options such as Davit, Tripod, and Winch which can be used as anchorages for the fall arrest system in confined spaces.



→ HIERARCHY OF CONTROLS



→ THE HIERARCHY OF FALL PROTECTION



➔ HOW TO CALCULATE FALL CLEARANCE

Fall clearance is an important consideration when working at heights to ensure the safety of individuals using fall protection equipment. It represents the minimum vertical distance required for a person to safely stop during a fall while using fall protection gear. To calculate fall clearance, you need to consider several factors:

1. Free Fall Distance: This is the distance a person falls before the fall protection system starts to slow down their fall. To calculate free fall distance, you can use the following formula:

$$\text{Free Fall Distance} = (\text{Fall Factor} \times \text{Lanyard Length})$$

Fall Factor typically ranges from 1 to 2, depending on the type of fall protection system and the anchorage point's height.

2. Deceleration Distance: This is the distance required for the fall protection system to decelerate the person safely. It includes the stretch of the lifeline or lanyard, as well as the activation distance of energy absorbers or other deceleration devices.

3. Safety Margin: It's important to add a safety margin to your calculations to ensure there is enough clearance for unexpected factors, such as equipment stretch, worker reaction time, and any slack in the system. A commonly recommended safety margin is at least 3 feet (1 meter).

The total fall clearance can be calculated as follows:

$$\text{Total Fall Clearance} = \text{Free Fall Distance} + \text{Deceleration Distance} + \text{Safety Margin}$$

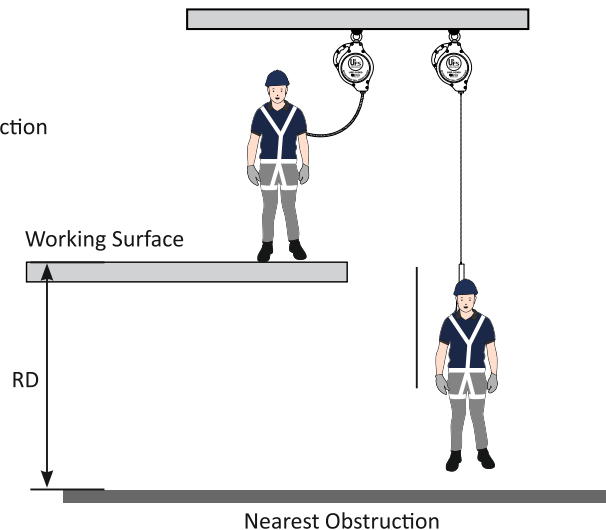


It's essential to carefully calculate fall clearance for each specific work situation, as factors like the type of fall protection equipment, anchorage point height, and worker weight can all influence the calculation. Additionally, ensure that all fall protection equipment is properly inspected and maintained before use.

➔ Self Retracting Lifeline

TOTAL FALL CLEARANCE=2.0m

Required distance below working surface to Nearest Obstruction



➔ ABCD's of Fall Protection

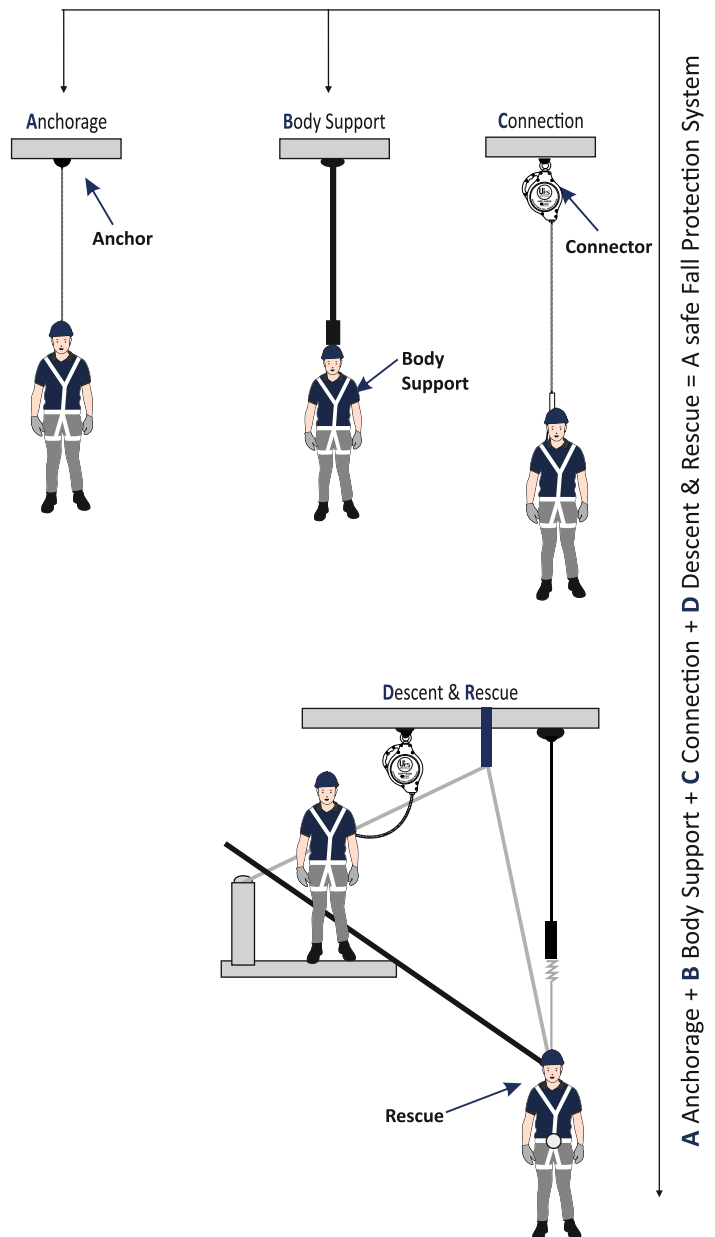
To ensure safety while working at heights, it's crucial to follow the ABCD's of fall protection.

Anchorage (A): Anchorage refers to a secure point of attachment for fall protection equipment. It is crucial to have a strong and reliable anchorage point to which the fall protection system is connected. Anchorage points can be fixed structures like Anchor bolts, Beam anchors, or Lifelines designed to handle the force of a fall arrest.

Body Support (B): Body support includes the equipment worn by the worker to prevent them from falling or to arrest their fall safely. This typically involves the use of a full body harness, which distributes the forces of a fall evenly across the body and provides attachment points for connecting to the fall protection system.

Connectors (C): Connectors are the elements that link the body support (harness) to the anchorage or other parts of the fall protection system. These connectors can be lanyards, lifelines, shock-absorbing lanyards, self-retracting lifelines (SRLs), carabiners, or other hardware designed for secure attachment.

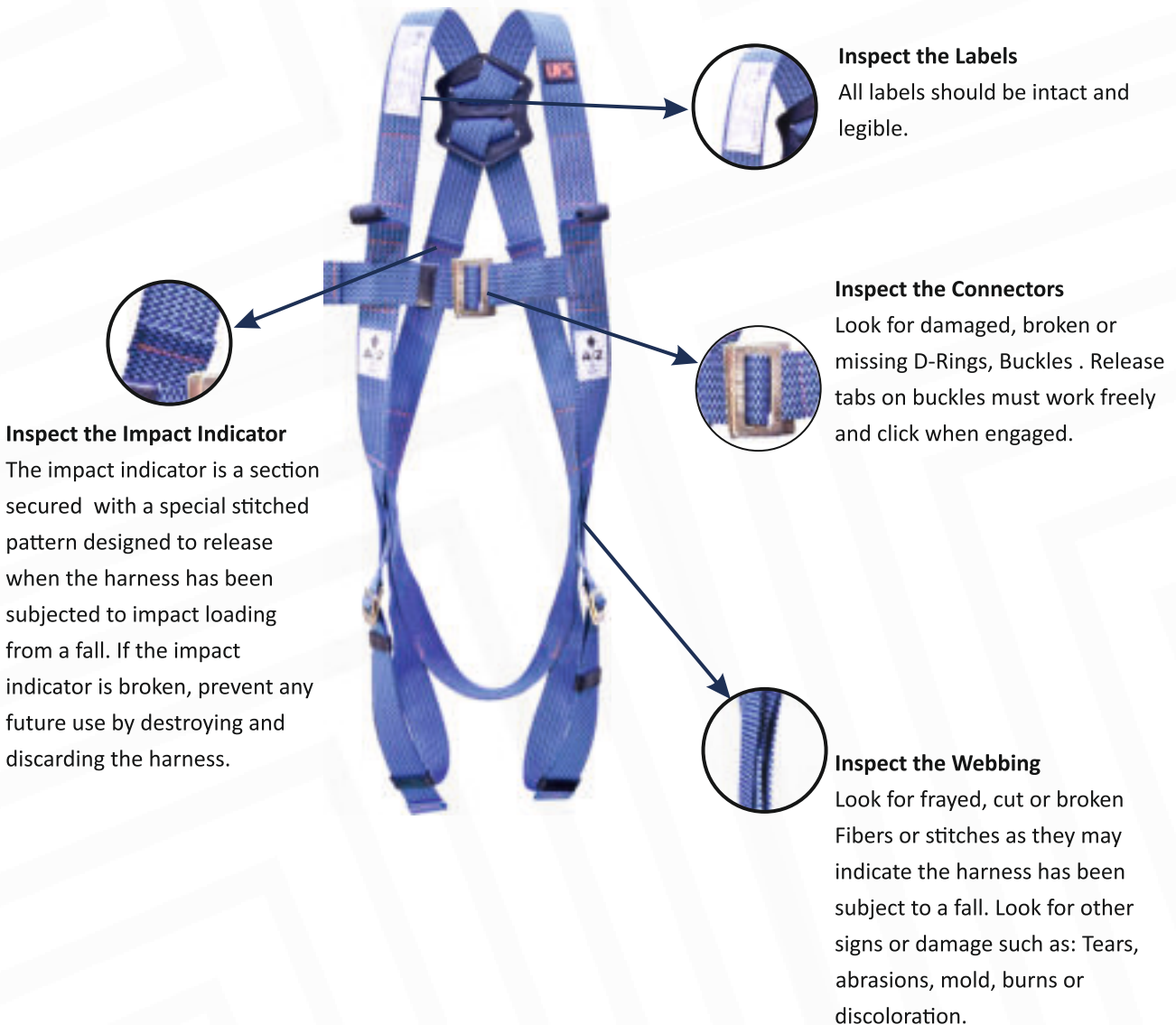
Descent and Rescue (D): The descent and rescue component focuses on planning for safe access and retrieval of a worker who has fallen or needs assistance while working at heights. This may involve having a plan in place for self-rescue or having trained personnel and equipment ready for a prompt rescue. A delayed rescue can lead to serious injuries or even fatalities.



➔ Full Body Harness

The full body harness plays a crucial role in an active fall arrest system. It serves to evenly distribute impact forces across the user's body in the unfortunate event of a fall, ensuring that the individual remains suspended in an upright position post-fall. Additionally, the harness offers ample freedom of movement, allowing the user to execute their job safely and effectively.

➔ Inspect Before Your Use



Inspect the Labels

All labels should be intact and legible.

Inspect the Connectors

Look for damaged, broken or missing D-Rings, Buckles . Release tabs on buckles must work freely and click when engaged.

Inspect the Impact Indicator

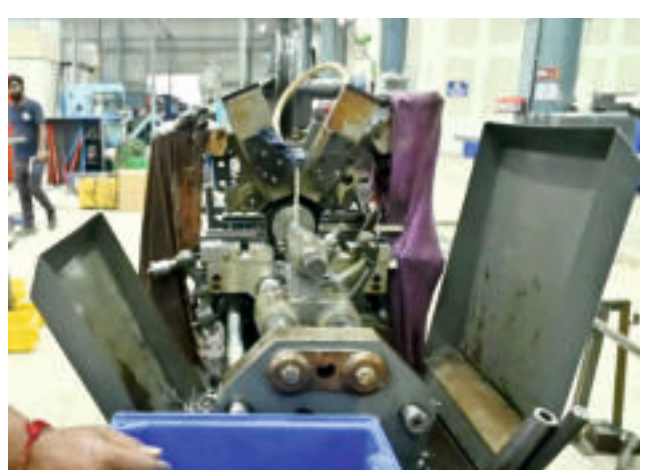
The impact indicator is a section secured with a special stitched pattern designed to release when the harness has been subjected to impact loading from a fall. If the impact indicator is broken, prevent any future use by destroying and discarding the harness.

Inspect the Webbing

Look for frayed, cut or broken Fibers or stitches as they may indicate the harness has been subject to a fall. Look for other signs or damage such as: Tears, abrasions, mold, burns or discoloration.

Manufacturing Process

Each and every step of Manufacturing at “UFS” follows adherence to strict Quality Parameters. Quality is the focus at each stage of the Manufacturing process. As required, all raw as well as intermediate goods processed at “UFS” pass through stringent quality checks as per laid down norms. The final products are then tested to fulfill the requirements which are set well above those that are specified in the EN Norms.



MANUFACTURING AT UFS





Quality Control

The Dynamic Testing Rig is a unique structure at the works of “UFS”, All PPE products are subjected to constant control and review which ensures that the high quality of “UFS” Products is constantly maintained & improved upon as a corporate commitment to our clientele.






















Pictogram Icons



Applications

Usage

 Positioning belt, lateral D-rings	 Shipping	 Construction
 Full body harness	 Gas Industry	 Roofing
 Full body harness, Ventral anchorage	 Industry, general	 Oil industry
 Lateral D-ring	 Scaffold	 Service
 Rope access	 Telecommunication	
 Pole climbing	 Wind energy	
 Outdoor	 Electrical power supply	
 Rescue	 Steel construction	

UFS Harness Advantage

All UFS Harnesses are produced by using Dope Dyed High Tenacity Polyester Yarn thereby providing fastness in colour and an increased resistance to ultra violet colour degradation.

European Standards

The Summary of some of the Major EN Standards is as follows:

EN 353-2:2002 FALL ARRESTER ON FLEXIBLE ANCHORAGE LINE

It covers Fall Arrester with self Locking, integral with its flexible anchorage line (Rope).

EN 354: 2010 Lanyards

A lanyard can be in rope made of synthetic fibers or in Webbing. Maximum Length 2m.

EN 355: 2002 Energy Absorber

It is a component of a Fall Arrest System which guarantees the safe stop of a Fall from height by absorbing the impact of the shock.

EN 358: 1999 Work Positioning Belts

This consists of Work Positioning Belt and Lanyard linked to one another.

Caution

The Work Positioning Belts and Work Positioning Lanyards is not a Fall Protection Equipment and should not be used for the purpose of Fall Protection. It is therefore mandatory to use specific Fall Arrest Lanyards/ Equipment along with these Work Positioning Systems to ensure safety of the users from working at heights.

EN 361: 2002 Full Body Harness

This device is meant to stop falls. The Full Body Harness is made of Webbing, Buckle, Frame & Dorsal D-Ring.

EN 362: 2004 Connectors

This is connecting element of a Fall Protection System. This includes Carabiner, Snap Hook & Scaffolding Hook.

EN 813: 2008 Sit Harness

Personal fall protection equipment – Sit harnesses

EN 795: Anchorage Devices

EN 1497: Rescue Harness

EN 353-1:2014 : Vertical Life Line System

EN 795:2012 : Horizontal Life Line System & Tripod (TS 16415:2013)

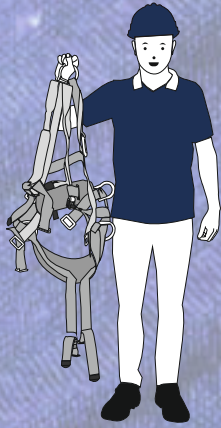
EN 1496:2017 : Winch

EN 360:2002 : Retractable Fall Arrester Block

EN 516:2006 : Walkway

EN 12278:2007: Single Pulley and Double Pulley

How To Wear Full Body Harness



Step-1

Untangle the harness by holding it from the dorsal D-ring.



Step-2

Slip harness over shoulders and close the buckle on the chest.



Step-3

Close the buckle on waist strap if Harness has waist belt.



Step-4

Pull the leg straps one by one round your thighs outwards to your front.



Step-5

To Check and adjust all the straps of the harness to your body adjustment



Step-6

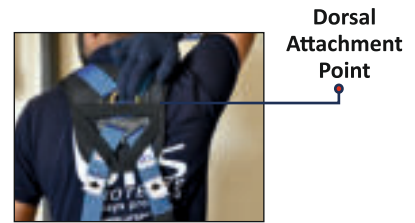
Now ready to work.

➔ ATTACHMENT POINTS OF HARNESS AND ITS USES

Dorsal Attachment Point

Location: Located on the back of the harness between the shoulder blades.

Use: Meant for fall arrest. Distributes fall forces evenly across the body. Suitable for standard site work or platform tasks where the worker requires fall protection without the need for climbing or work positioning.



Sternal Attachment Point

Location: Positioned on the chest area of the harness.

Use: Used as a front attachment point for fall protection, especially when utilizing a guided type fall arrester during climbing or confined space entry.



Lateral Attachment Point Location:

Location: Located on the sides in the lower waist area of the harness.

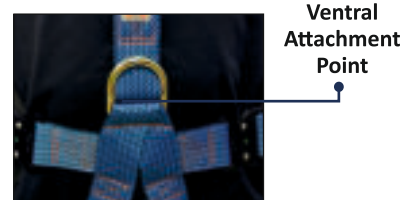
Use: Designed for work positioning, allowing the worker to have both hands free for tasks while remaining connected to the work area. Not intended for fall arrest but rather serves as a form of fall restraint.



Ventral Attachment Point

Location: Found in the center of the waist level of the harness.

Use: Primarily used for rope access, rescue operations, and various other applications requiring secure attachment.



Extension Strap Attachment Point

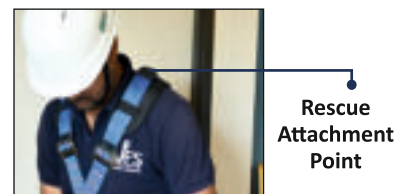
The Extension Band allows the user to easily connect to or disengage the Dorsal attachment D-ring without any external help. It is suitable for standard site work or platform working, where the worker only needs to be attached with no other requirement for climbing, work positioning and roof work.



Rescue Attachment Points

Location: Located on the shoulders of the harness, often in the form of webbing loops or steel D-rings.

Use: These points are essential for confined space entry/exit and rescue and retrieval operations. They allow for easy attachment of a spreader bar or other rescue equipment.



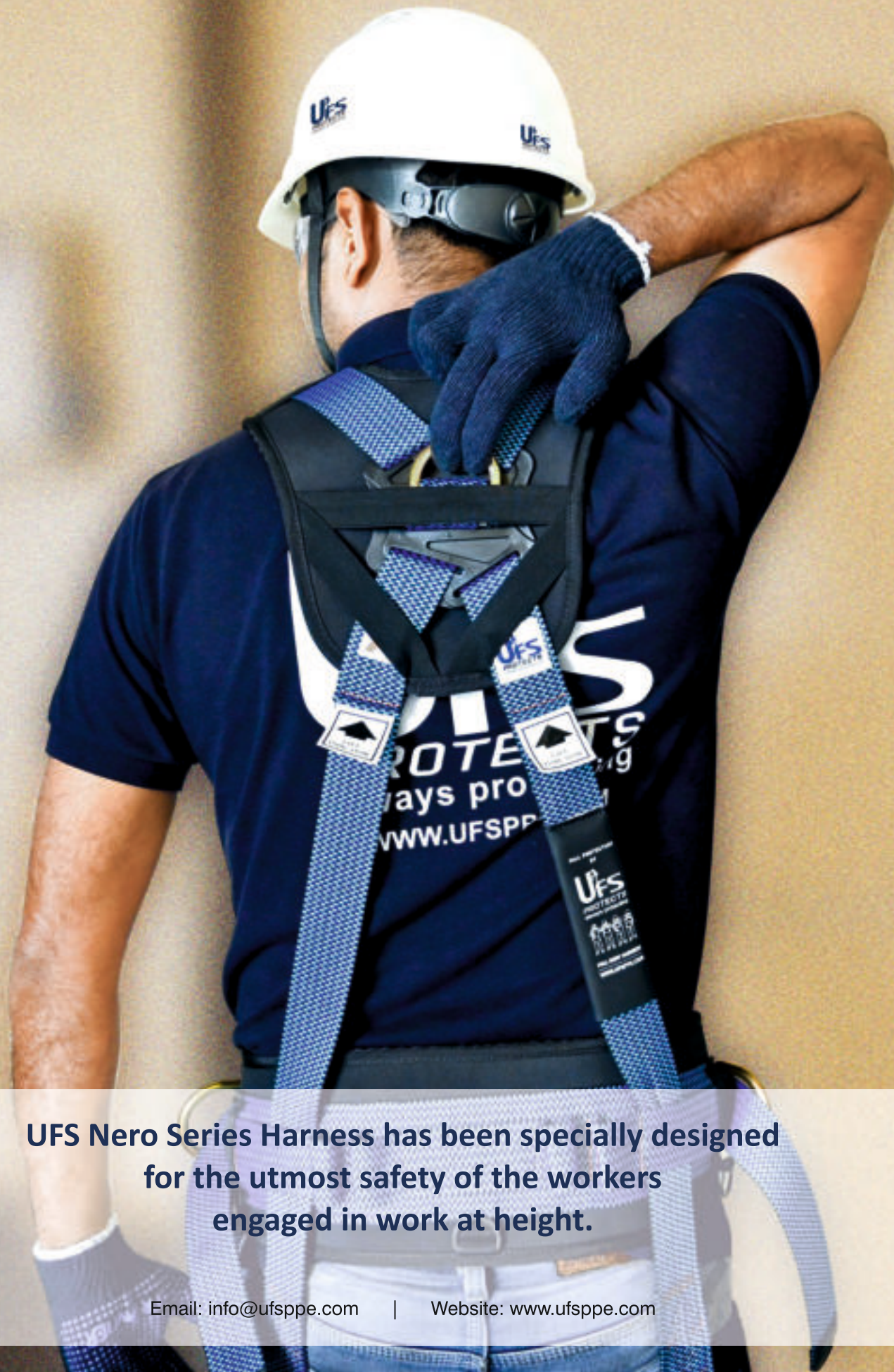
'A' Attachment Point

Use: Denotes attachment points on the harness. In some cases, labels may be marked as 'A/2,' indicating that two similar points held together constitute a single attachment point.



Understanding the specific purposes of these attachment points is crucial for ensuring that workers are properly equipped and secured when performing various tasks at height or in confined spaces. Proper training and adherence to safety guidelines are essential when using harnesses and fall protection equipment.

FULL BODY HARNESS

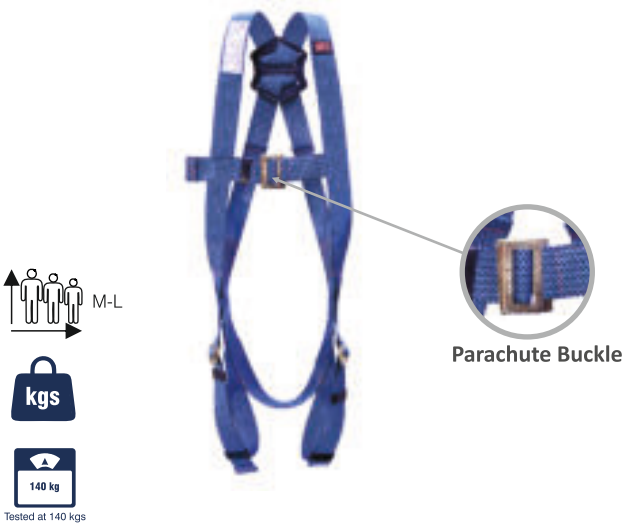


UFS Nero Series Harness has been specially designed for the utmost safety of the workers engaged in work at height.

Email: info@ufspp.com | Website: www.ufspp.com

UFS NERO

➔ SERIES



USP-15

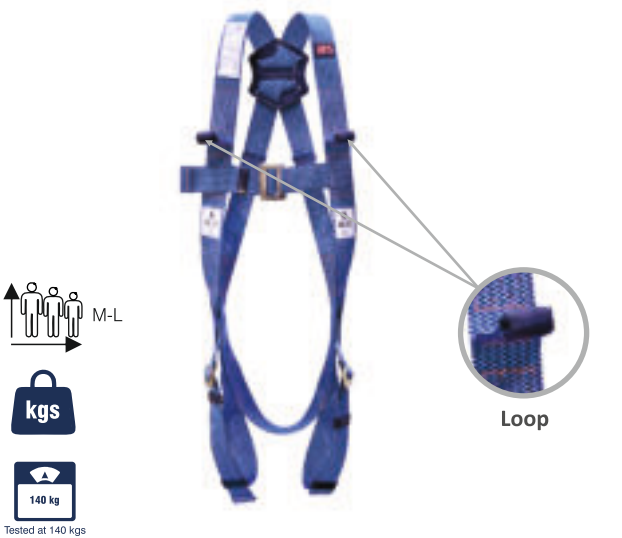
Attachment

- Chest Strap, Thigh Strap with high quality Parachute Buckle for easy handling and maximum comfort for the User at all times.
- Adjustable dorsal high strength forged D-ring.

Specifications

- 44 mm Polyester Webbing Black colour with Min. Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.

USED IN INDUSTRY



USP-16

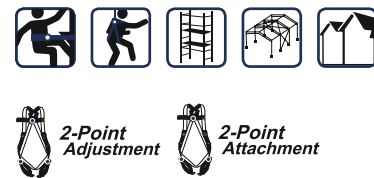
Attachment

- Chest Strap, Thigh Strap and Textile Loops with high quality Parachute Buckle for easy handling and maximum comfort for the User at all times.
- Adjustable dorsal high strength forged D-ring.

Specifications

- 44 mm Polyester Webbing Black colour with Min. Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.

USED IN INDUSTRY



Technical Snapshot									
Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-15	Polyester	EN 361:2002	FA	√	-	-	-	0.800 Kgs	Adjustable thigh strap.
USP-16	Polyester	EN 361:2002	FA+LC	√	√	-	-	0.900 Kgs	Two front textile loops for fall arrest.



UFS NERO

➔ SERIES



Combination Buckle



Tested at 140 kgs

USP-25

Attachment

- Adjustable dorsal high strength forged D-Ring.
- Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Finished Webbing Ends.

USED IN INDUSTRY



Loop



Tested at 140 kgs

USP-26

Attachment

- Adjustable dorsal high strength forged D-Ring. Textile Loops, Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- Two front textile loops for fall arrest.
- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Finished Webbing Ends.

USED IN INDUSTRY



3-Point Adjustment



2-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-25	Polyester	EN 361:2002	FA	✓	-	-	-	1.100 Kgs	Adjustable thigh strap.
USP-26	Polyester	EN 361:2002	FA+LC	✓	✓	-	-	1.200 Kgs	Adjustable shoulder & thigh strap.

UFS NERO



➔ SERIES



D-Ring



Tested at 140 kgs

USP-27

Attachment

- Adjustable dorsal high strength forged D-Ring.
- Two Chest attachment D-ring for fall arrest.
- Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Finished Webbing Ends.

USED IN INDUSTRY



3-Point Adjustment



2-Point Attachment



Plastic Adjuster



Quick Release Automatic Buckle



Tested at 140 kgs

USP-27A

Attachment

- Adjustable dorsal high strength forged D-Ring.
- Quick Release Automatic Buckles and Combination Buckles for easy handling for the user and maximum comfort at all time.

Specifications

- Two quick release buckles for easy handling.
- 44 mm Polyester Webbing Black colour with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Finished Webbing Ends.

USED IN INDUSTRY



3-Point Adjustment



1-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-27	Polyester	EN 361:2002	FA+LC	✓	✓	-	-	1.300 Kgs	Adjustable shoulder & thigh strap.
USP-27A	Polyester	EN 361:2002	FA	✓	-	-	-	1.200 Kgs	Adjustable shoulder & thigh strap.



UFS NERO



➔ SERIES



USP-28

Attachment

- Adjustable dorsal high strength forged D-Ring.
- One Chest attachment D-ring for fall arrest.
- Combination of Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing Black colour with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.

USED IN INDUSTRY



3-Point Adjustment



2-Point Attachment



USP-52

Attachment

- Adjustable dorsal high strength forged D-ring, Min. Breaking Strength 22kN.
- Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing black colour with Min. Breaking Strength 22 kN.
- Plastic adjuster on the shoulders for easy adjustment of the chest strap.

USED IN INDUSTRY



3-Point Adjustment



1-Point Attachment

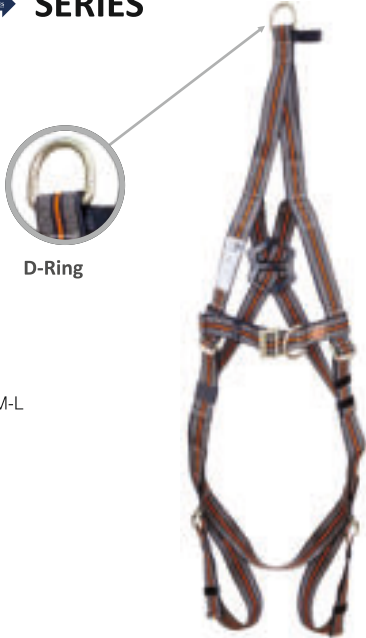
Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-28	Polyester	EN 361:2002	FA+LC	✓	✓	-	-	1.340 Kgs	Adjustable thigh strap.
USP-52	Polyester	EN 361:2002	FA	✓	-	-	-	1.150 Kgs	

UFS NERO



➔ **SERIES**



D-Ring



Tested at 140 kgs

USP-29

Attachment

- The suspension strap incorporated on the shoulder strap of the harness. The harness has a D-ring which can be used to connect with the rescue equipments when in need.
- Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing Dual colour with Min.Breaking Strength 22 kN.
- One Sternal D-ring and a Dorsal attachment D-ring for fall arrest.
- The extension rescue strap with top D-ring for rescue.

USED IN INDUSTRY



3-Point Adjustment



3-Point Attachment



Extension Band Loop



Tested at 140 kgs

USP-30

Attachment

- The extension band incorporated on the shoulder strap of the harness. The harness has a D-ring which can be used to connect with the rescue equipments when in need.
- Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing black colour with Min. Breaking Strength 22 kN.
- The extension rescue band with top textile loop for rescue.
- Automatic Stitching Pattern with strength.

USED IN INDUSTRY



2-Point Adjustment



2-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-29	Polyester	EN 361:2002 EN 1497:2007	FA+LC	✓	✓	-	-	1.490 Kgs	Adjustable thigh strap.
USP-30	Polyester	EN 361:2002	FA	✓	-	-	-	1.480 Kgs	Adjustable thigh strap.



UFS NERO

➔ SERIES



Used in Industry

M-L

kgs 1.480 kg

140 kg

2-Point Adjustment

2-Point Attachment

Two lateral metallic D-rings for work positioning, 1 front ventral attachment (Metalic D-Ring) for Rope Access. Ideal for work positioning restraint systems and rope access work.

Part Code	Material	Attachment	Specifications	Weight (kgs)	Conformity
USP-55	Polyester	Two Lateral Metallic D-rings for work Positioning, 1 front ventral attachment (Metalic D-Ring) for Rope Access.	The waist belt and the thigh straps are provided with a premium soft padding for the best possible comfort. Adjustable thigh-straps and waist belt. Automatic stitching pattern with strength.	1.480	EN 358:1999 EN 813:2008

UFS NERO

➔ SERIES



Tested at 140 kgs

Wide, comfort padded, fully adjustable waist belt to support long working.

USP-101

Attachment

- Two lateral high strength forged D-ring for work positioning.

Specifications

- 44 mm Polyester Webbing with Min. Breaking Strength 22 kN. Automatic Stitching Pattern with strength. Finished webbing Ends with web holder. Suitable for work positioning. Tool holding webbing loop & Ring for tool holder / bolt bag.

USED IN INDUSTRY



1-Point Adjustment



1-Point Attachment



Tested at 140 kgs

Optimum width, comfort padded, fully adjustable waist belt to support long working.

USP-102

Attachment

- Two lateral high strength forged D-ring for work positioning.

Specifications

- 44 mm Polyester Webbing with Min. Breaking Strength 22 kN. Automatic Stitching Pattern with strength. Finished webbing Ends with web holder. Suitable for work positioning. Tool holding webbing loop & Ring for tool holder / bolt bag.

USED IN INDUSTRY



1-Point Adjustment



1-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Attachment Point				Weight (kgs)
			Dorsal	Sternal	Lateral	Ventral	
USP-101	Polyester	EN 358:1999	-	-	√	-	1.360 Kgs
USP-102	Polyester	EN 358:1999	-	-	√	-	1.150 Kgs



UFS ELITE

Ergonomically
Designed to fit
the Body
Perfectly

UFS introduces Elite Series of Full Body Harnesses which offers extended comfort when working at height. Harness is equipped with adjustable metal type chest and thigh strap along with two lateral D-Rings for work positioning belt. Made from polyester, the harnesses in this category conforms to EN 361:2002 and EN 358:1999 norms. The harnesses are equipped with a high resistant polyethylene which has a special design to hold the D-Rings even after the fall. These harnesses are built with a 44m polyester webbing with an automatic stitching pattern enabling it to withstand a force in upwards of 22 kN. These harnesses also have a Fully Adjustable comfort padded waist belt to provide additional comfort to the user.



UFS ELITE
SERIES



Lateral D-Ring



Tested at 140 kgs

USP-115

Attachment

- Adjustable dorsal high strength forged D-Ring.
- Two lateral D-Ring for work positioning.
- Special design & high resistant polyethylene Back Plate for holding D-ring even after the fall.

Specifications

- Fully Adjustable with comfort padded waist belt.
- Adjustable thigh strap.
- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Suitable for fall arrest and work positioning.

USED IN INDUSTRY



3-Point Adjustment



2-Point Attachment



Chest Attachment Loop



Tested at 140 kgs

USP-116

Attachment

- Adjustable dorsal high strength forged D-Ring.
- Two lateral D-Ring for work positioning.
- Special design & high resistant polyethylene Back Plate for holding D-ring even after the fall.

Specifications

- Fully Adjustable with comfort padded waist belt.
- Two front chest attachment textile loops.
- Adjustable thigh strap.
- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Suitable for fall arrest and work positioning.

USED IN INDUSTRY



3-Point Adjustment



3-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-115	Polyester	EN 361:2002 EN 358:1999	FA+WP	√	-	√	-	1.540 Kgs	Adjustable thigh strap.
USP-116	Polyester	EN 361:2002 EN 358:1999	FA+WP+LC	√	√	√	-	1.650 Kgs	

UFS ELITE
SERIES



USP-125

Attachment

- Metal type chest strap with easy handling.
- Two lateral D-ring for work positioning.
- Adjustable Dorsal high strength forged D-ring.

Specifications

- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Suitable for fall arrest and work positioning. Special design & high resistant polyethylene Back Plate for holding D-ring even after the fall.
- Finished webbing ends.

USED IN INDUSTRY



USP-126

Attachment

- Two front attachment textile loops for fall arrest.
- Metal type chest strap with easy handling.
- Two lateral D-ring for work positioning.
- Adjustable Dorsal high strength forged D-ring.

Specifications

- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Suitable for fall arrest and work positioning. Special design & high resistant polyethylene Back Plate for holding D-ring even after the fall.
- Finished webbing ends.

USED IN INDUSTRY



Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-125	Polyester	EN 361:2002 EN 358:1999	FA+WP	✓	-	✓	-	1.720 Kgs	Adjustable thigh strap with three color scheme for differentiation.
USP-126	Polyester	EN 361:2002 EN 358:1999	FA+WP+LC	✓	✓	✓	-	1.780 Kgs	



USP-127 With QRB

Attachment

- Two front attachment textile loops for fall arrest.
- Metal type chest strap with easy handling.
- Two lateral D-ring for work positioning.
- Adjustable Dorsal high strength forged D-ring.

Specifications

- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Quick Release Buckles and combination Buckles for easy handling for the user and maximum comfort at all time.
- Automatic Stitching Pattern with strength.
- Suitable for fall arrest and work positioning. Special design & high resistant polyethylene Back Plate for holding D-ring even after the fall.
- Finished webbing ends.



Fully adjustable with comfort padded waist belt.

USED IN INDUSTRY



4-Point Adjustment



3-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-126 with QRB	Polyester	EN 361:2002 EN 358:1999	FA+WP+LC	✓	✓	✓	-	1.780 Kgs	Adjustable thigh strap with three color scheme for differentiation

UFS ELITE
SERIES



USP-127

Attachment

- Two front attachment D-ring for fall arrest.
- Metal type chest strap with easy handling.
- Two lateral D-ring for work positioning.
- Adjustable Dorsal high strength forged D-ring.

Specifications

- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic Stitching Pattern with strength.
- Suitable for fall arrest and work positioning.
- Special design & high resistant polyethylene Back Plate for holding D-ring even after the fall.
- Finished webbing ends.



Fully adjustable with comfort padded waist belt.

USED IN INDUSTRY



4-Point Adjustment



3-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-127	Polyester	EN 361:2002 EN 358:1999	FA+WP+LC	✓	✓	✓	-	1.780 Kgs	Adjustable shoulder & thigh strap.



UFS ELITE
SERIES



Tested at 140 kgs

USP-160

Combination Buckles and Parachute Buckles for easy handling for the user and maximum comfort at all time.

Attachment

- Two lateral D-Rings for work positioning, one sternal D-ring for fall arrest & one Ventral D-Ring for rescue.
- Adjustable dorsal high strength forged D-ring.

Specifications

- Fully adjustable with comfort padded waist belt, thigh strap and Shoulder Strap.
- Three colour scheme for differentiation.
- Special design & high resistant polyethylene Back Plate for holding.
- 44mm Polyester Webbing with Min. Breaking Strength 22 kN.
- Automatic stitching pattern with strength.
- Metal type chest strap with easy handling.
- Finished webbing ends with web holder.



Quick Release Automatic Buckle



Tested at 140 kgs

USP-160A

Quick Release Automatic Buckles, Combination Buckles and Parachute Buckles for easy handling for the user and maximum comfort at all time.



Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-160	Polyester	EN 361:2002 EN 358:1999 EN 813:2008	FA+WP+LC+AD	✓	✓	✓	✓	2.240 Kgs	Adjustable shoulder & thigh strap.
USP-160A	Polyester	EN 361:2002 EN 358:1999 EN 813:2008	FA+WP+LC+AD	✓	✓	✓	✓	2.340 Kgs	

UFS Pro

→ SERIES



UFS has introduced Pro Series of Full Body Harnesses which are equipped to provide increased support and greater safety to the user. The ergonomics of this harness provides increased ease to wear and work at heights. High quality Work Positioning Belt with Brass Eyelets and Tongue Buckles extends greater comfort to the user. With the addition of 2 Big D-Rings, user gets additional safety and in-turn can move freely at height without the possibility of fall. Certified to withstand the latest testing condition of the CE test as per the European Norms, these harnesses are built with products of highest quality.



EN 361:2002 EN 358:1999

Used in Industry





UFS Pro
 → **SERIES**



Tested at 140 kgs

USP-52M

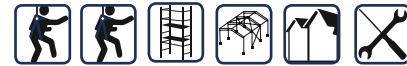
Attachment

- Adjustable dorsal high strength stamped D-ring.
- Metal type chest strap with easy handling.
- Two lateral stamped D-Ring for work positioning with brass eyelet.
- Metal Buckles and Plastic adjusters for easy handling for the user and maximum comfort all time.

Specifications

- Full Adjustable harness with comfort padded waist belt.
- Adjustable Shoulder & Thigh Strap with dual colour scheme for differentiation.
- 44mm Polyester Webbing with Min. Breaking Strength 22 kN.

USED IN INDUSTRY



3-Point Adjustment



1-Point Attachment



Tested at 140 kgs

USP-125M

Attachment

- Adjustable dorsal high strength stamped D-ring.
- Metal type chest strap with easy handling.
- Two lateral stamped D-Ring for work positioning with brass eyelet.
- Metal Buckles and Plastic adjusters for easy handling for the user and maximum comfort all time.

Specifications

- Full Adjustable harness with comfort padded waist belt.
- Adjustable Shoulder & Thigh Strap with dual colour scheme for differentiation.
- 44mm Polyester Webbing with Min. Breaking Strength 22 kN.

USED IN INDUSTRY



4-Point Adjustment



2-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-52M	Polyester	EN 361:2002	FA	√	-	-	-	1.300 Kgs	Adjustable thigh strap.
USP-125M	Polyester	EN 361:2002 EN 358:1999	FA+WP	√	-	√	-	2.400 Kgs	

UFS Pro
 → **SERIES**



Tested at 140 kgs

USP-127M

Attachment

- Adjustable dorsal high strength stamped D-ring.
- Metal type chest strap with easy handling.
- Two lateral stamped D-Ring for work positioning with brass eyelet.
- Metal Buckles and Plastic adjusters for easy handling for the user and maximum comfort all time.

Specifications

- Full Adjustable harness with comfort padded waist belt.
- Adjustable Shoulder & Thigh Strap with dual colour scheme for differentiation.
- 44mm Polyester Webbing with Min. Breaking Strength 22 kN.



Fully adjustable with comfort padded waist belt.

USED IN INDUSTRY



4-Point Adjustment



3-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-127M	Polyester	EN 361:2002 EN 358:1999	FA+WP	✓	-	✓	-	12.400 Kgs	Adjustable shoulder & thigh strap.



UFS PRIME

➔ SERIES



SURAKSHA-01

Attachment

- Adjustable dorsal high strength stamped D-ring.
- Metal type chest strap with easy handling.
- Having adjustable thigh straps.

Specifications

- Heavy-duty webbing.
- Enhanced sit strap design.
- Improved registered webbing design.
- High abrasion registered stitching pattern.
- Re-engineered registered stitching pattern.

USED IN INDUSTRY



SURAKSHA-02

Attachment

- Adjustable 2 dorsal high strength stamped D-ring.
- Metal type chest strap with easy handling.
- Having adjustable thigh straps.

Specifications

- Heavy-duty webbing.
- Enhanced sit strap design.
- Improved registered webbing design.
- High abrasion registered stitching pattern.
- Re-engineered registered stitching pattern.

USED IN INDUSTRY



Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
SURAKSHA-01	Polyester	IS 3521:1999	FA	✓	-	-	-	890 gms	Adjustable Chest & thigh strap.
SURAKSHA-02	Polyester	IS 3521:1999	FA+LC	✓	✓	-	-	1.04 Kgs	

UFS PRIME
→ SERIES



SURAKSHA-RT 02

Attachment

- Adjustable dorsal high strength stamped D-ring.
- Two Chest attachment D-ring for fall arrest.
- Two lateral stamped D-Ring for work positioning with brass eyelet.
- Metal Buckles and Plastic adjusters for easy handling for the user and maximum comfort all time.

Specifications

- Full Adjustable harness.
- Adjustable Shoulder & Thigh Strap with dual colour scheme for differentiation.
- 44mm Polyester Webbing with Min. Breaking Strength 22 kN.



Fully adjustable with comfort padded waist belt.

USED IN INDUSTRY



4-Point Adjustment



3-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
SURAKSHA-RT 02	Polyester	3521: PART 1:2021	FA+LC+WP	✓	✓	✓	-	1.200 Kgs	Adjustable shoulder & thigh strap.



➔ **USP-52G**
FULL BODY HARNESS



**Z359.11-2021 & OSHA
Regulations**

UFS Protects NERO USP-52G Full Body Safety Harness—the ultimate solution for optimal safety in high-risk work environments. Crafted with precision and engineered to meet stringent safety standards, this harness prioritizes wearer comfort without compromising durability or functionality.



Attachment

- Adjustable dorsal high strength forged D-ring, Min. Breaking Strength 23kN.
- Combination Buckle and Parachute Buckle for easy handling for the user and maximum comfort at all time.

Specifications

- 44 mm Polyester Webbing black colour with Min. Breaking Strength 23 kN.
- Plastic adjuster on the shoulders for easy adjustment of the chest strap.
- Each product is conforms with ANSI Z359.11-2021, the applicable standards and regulations listed.

USED IN INDUSTRY



Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-52G	Polyester	EN 361:2002	FA+WP	✓	-	✓	-	1.150 Kg	Adjustable thigh strap.



UFS MAX SERIES

CE



UFS's Max Series of Full Body Harnesses is the premium range of harness. These harnesses have a tangle-free design and comes with the features like quick release automatic buckles, spring buckles etc. for easy handling and greater comfort at all times. The extremely high standards of ergonomics, comfort and safety is un-matched in the industry. It has a special design & high resistant polyethylene back plate that holds the D-Ring in place, even after the fall. Certified to withstand the latest testing condition of the CE test as per the European Norms, these harnesses are built with products of highest quality.



UFS MAX

➔ SERIES



USP- JH21

- USP-JH21 is built into the Fluorescent Orange Reflective Vest for higher visibility at night.
- Made of Polycotton.
- Consists of Dorsal D-ring with two front attachment textile loops for fall arrest.
- Has Adjustable chest, shoulder & thigh straps.
- This Comfortable Vest Harness also has Velcro stitched on the D-ring window provided at the back of the vest for preventing it from slipping into the vest.
- Has double durable zipper for snug fit.
- Reflective tapes are stitched on the vest for increased visibility.



Tested at 140 kgs

USED IN INDUSTRY



3-Point Adjustment



2-Point Attachment

Technical Snapshot

Part Code	Material	Conformity	Application	Attachment Point				Weight (kgs)	Adjustable
				Dorsal	Sternal	Lateral	Ventral		
USP-JH21	Polycotton	EN 361:2002	FA+LC	✓	✓	-	-	1.75 Kgs	Adjustable Chest, shoulder & thigh strap.

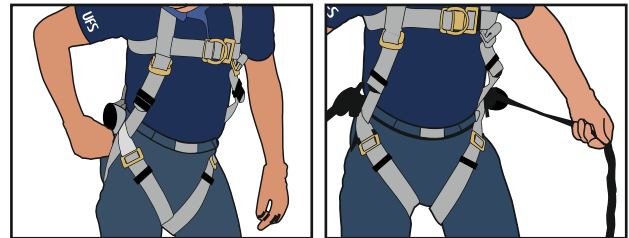


SUSPENSION TRAUMA

UFS Suspension trauma can be used by a victim of fall to combat the ill effects of Suspension Trauma, while he waits for his rescue, suspended in his Harness.

This Strap is placed inside 2 light weight zipped pouches, which can be conveniently worn on the Thigh straps on both left & right sides of the Harness with the help of textile loop and Velcro.

In the event of a fall, the victim can easily zip-open the pouches and attach together the deployed webbing straps with the help of a convenient buckle.



Extremely effective; specially designed to help relieve the negative effects of Suspension Trauma.

Compact and Light-weight. Does not hamper with the activity of the worker while at work.

Allows the suspended worker to stand up in his harness to relieve pressure.

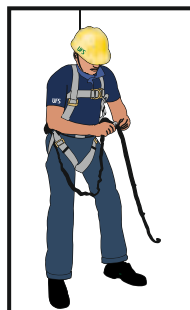
Easy to attach to the Harness with the help of the textile loop and velcro provided.



Un-zip the pouches fitted on both sides of Harness



Hold the 2 Straps together



Connect the straps with each other making a loop with the help of easy-to-use buckle



Put your feet into the loop



Stand onto the loop, so that the thigh straps are free to move



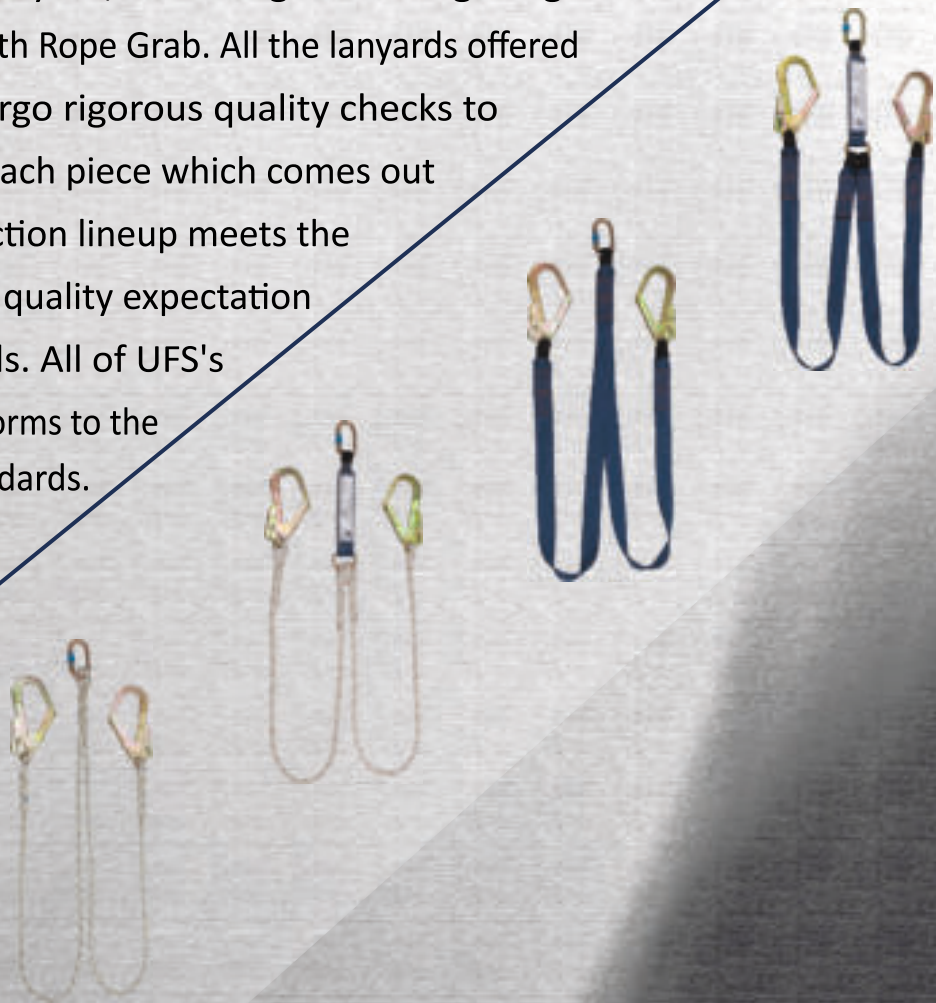
Adjust the sit strap towards the front to release pressure and give a seat-posture.





LANYARDS

UFS offers a wide range of High Quality, EN Certified Lanyards. UFS offers Forked Lanyard, Expandable Lanyard, Webbing Lanyard, Kernmantle Sharp Edge Lanyard, E.A. Lanyard, Internal Shock Absorbing Lanyard, Anchorage Webbing Sling and Anchorage with Rope Grab. All the lanyards offered by UFS undergo rigorous quality checks to ensure that each piece which comes out of the production lineup meets the International quality expectation and standards. All of UFS's Lanyards conforms to the latest EN Standards.



➔ **ENERGY ABSORBER**



USP-888 (44mm)



USP-666 (34mm)

The Energy Absorber 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 back up. The transparent protective covering aids in visual.

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 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 result in injury.

The UFS energy absorber is designed to be incorporated in a fall arrest or force restraint system. The special inner polyamide tear webbing absorbs the arresting force in the event of a fall while the red colour webbing recovers as a backup. The energy absorber is covered with a clear transparent protective sleeve.

When a fall occurs, the sudden stop caused by the fall arrest system submits the human body to a high impact force (as higher the free fall distance, higher the force)

The purpose of the energy absorber is to reduce the impact force experienced in a fall by dissipating the kinetic energy and controlling deceleration. The Energy Absorbing system is made of 44mm & 35mm wide specially woven webbing that elongates through tearing on its weave and stitching.

Conforms to EN 355:2002, Certified by ANCCP - 0302, Italy.

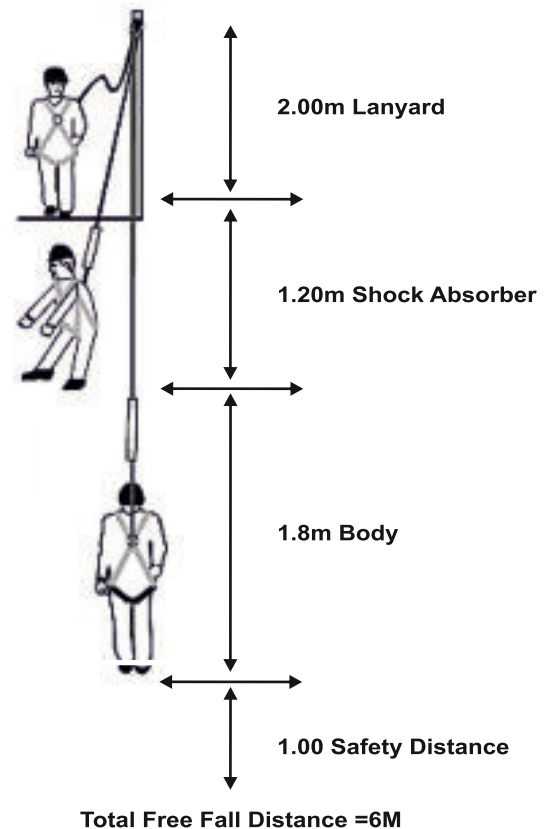
ENERGY ABSORBER (mini)

USP-666 (34mm)

UFS recommends a safe clear distance of 6m for a 2m Energy Absorbing Lanyard

UFS Energy Absorber is made up of 44mm and 35mm wide webbing and is shrink wrapped. It reduces the impact of fall to less than 6kN, and conform to EN 355:2002.

The Energy Absorber opens up to an additional length of about 120cm, and hence the worker should always make sure that there is enough safe clear distance below his area of work.



ENERGY ABSORBER

USP-888 (44mm)

UFS recommends a safe clear distance of 6m for a 2m Energy Absorbing Lanyard

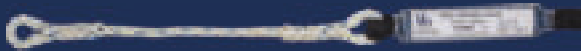


Rope Lanyards depicted in this section are made of 12mm & 14mm three strand Polyamide Twisted Rope.
These Lanyards are available in the length varying from 1.0 m to 2.0 m.
The spliced ends of the ropes are protected with transparent sleeves and the loops are protected by plastic thimbles.
Conforms to : EN 354: 2010

**ROPE LANYARD
TR-SERIES**



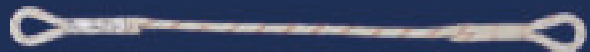
**ENERGY ABSORBING LANYARD
TR-SERIES**



These Lanyards are made up of Polyamide Twisted Rope 12mm & 14mm and are incorporated with an Energy Absorber.
A blue colour running line indicator is for showing lanyard's life (Replace it when the blue running line fades which indicates that the lanyard life is over).
Protective abrasion resistant thimble is used to prevent the rope from being damaged by the metallic contact of the connector.
The spliced end is protected with a strong transparent protective sleeve for easy visibility to check the splicing/stitching & Label.
Conforms to : EN 355:2002

Rope Lanyards depicted in this section are made of 10.5mm & 12mm Kernmantle Polyamide Rope.
These Lanyards are available in the length varying from 1.0 m to 2.0 m.
The stitches ends of the ropes are protected with transparent sleeves and the loops are protected by plastic thimbles.
Conforms to : EN 354: 2010

**ROPE LANYARD
KR-SERIES**



**ENERGY ABSORBING LANYARD
KR-SERIES**



These Lanyards are made up of Polyamide Kernmantle Rope 10.5mm & 12mm and are incorporated with an Energy Absorber.
A blue colour running line indicator is for showing lanyard's life (Replace it when the blue running line fades which indicates that the lanyard life is over).
Protective abrasion resistant thimble is used to prevent the rope from being damaged by the metallic contact of the connector.
The stitches end is protected with a strong transparent protective sleeve for easy visibility to check the splicing/stitching & Label.
Conforms to : EN 355:2002



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.



WEBBING LANYARD



UFS manufactures wide range of different colour Webbing Lanyards Made from high tenacity polyester yarn, having different configuration of connectors at the ends.

The webbing Lanyards in this section are made up of 44mm & 32mm wide polyester webbing.

The UFS Lanyards are also stitched with any other hook on special request.

All webbing lanyards with different combination of connectors mentioned below are individually.

The loops at the ends are protected by an abrasion resistant covering it prevents the webbing from being damaged by the metallic contact of the connector.

Conforms to : EN 354:2010

UFS manufactures wide range of different colour Webbing Lanyards made from high tenacity polyester yarn, having different configuration of connectors at the ends.

The Webbing Lanyards in this section are made up of 44mm & 32mm wide polyester webbing & come incorporated with an Energy Absorber Pack.

The UFS E.A. Webbing Lanyards are also stitched with any other hook on special request.

All E.A. webbing lanyards with different combinations of connectors mentioned below are individually.

Conforms to : EN 355:2002

E.A. WEBBING LANYARD



EXPANDABLE LANYARD



This Forked Energy Absorbing Expandable Lanyard is stretchable for complete freedom of movement.

This Lanyard retracts automatically to fit the working area.

Particularly suitable for working in restricted space.

The Lanyard has one side with Steel Snap Hook USP H9 with Energy Absorber USP 888 and other two ends with Scaffold Hooks USP H10.

Conforms to EN 355:2002.

This Forked Energy Absorbing Lanyard consisting of a 12mm diameter. Polyamide kernmantle Rope Lanyard and a Polyester Energy Absorber. The Lanyard terminates at one end with a steel carabiner and steel scaffold hook at the other ends.

Lengths available 1.5mtrs, 1.8mtrs & 2.0mtrs.

Conforms to EN 355:2002.

FORKED LANYARD



➔ **ROPE LANYARD | TR-SERIES**

- Rope Lanyards depicted in this section are made of 12mm & 14mm three strand Polyamide Twisted Rope.
- These Lanyards are available in the length varying from 1.0 m to 2.0 m.
- The spliced ends of the ropes are protected with transparent sleeves and the loops are protected by plastic thimbles.
- Conforms to : EN 354: 2010

Technical Snapshot				
Part Code	Anchorage Attachment	Connecting Attachment	Length	Conforms to
USP-205	Loop	Loop	1.8 m	EN 354:2010
USP-206	Loop	USP-H6 Carabiner		
USP-207	USP-H6 Carabiner	USP-H6 Carabiner		
USP-208	USP-H9 Snap Hook	Loop		
USP-209	USP-H9 Snap Hook	USP-H9 Snap Hook		
USP-210	Loop	USP-H10 Scaffold Hook		
USP-211	USP-H9 Snap Hook	USP-H6 Carabiner		
USP-212	USP-H6 Carabiner	USP-H10 Scaffold Hook		
USP-213	USP-H9 Snap Hook	USP-H10 Scaffold Hook		

Anchorage Attachment

Connecting Attachment



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **ENERGY ABSORBING LANYARD | TR-SERIES**



- These Lanyards are made up of Polyamide Twisted Rope 12mm & 14mm and are incorporated with an Energy Absorber.
- A blue colour running line indicator is for showing lanyard's life (Replace it when the blue running line fades which indicates that the lanyard life is over).
- Protective abrasion resistant thimble is used to prevent the rope from being damaged by the metallic contact of the connector.
- The spliced end is protected with a strong transparent protective sleeve for easy visibility to check the splicing/stitching & Label.
- Conforms to : EN 355:2002

Technical Snapshot				
Part Code	Anchorage Attachment	Connecting Attachment	Length	Conforms to
USP-805	Loop	USP-888 Energy Absorber + Loop	1.8 m	EN 355:2002
USP-806	USP-H6 Carabiner	USP-888 Energy Absorber + Loop		
USP-807	USP-H6 Carabiner	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-808	USP-H9 Snap Hook	USP-888 Energy Absorber + Loop		
USP-809	USP-H9 Snap Hook	USP-888 Energy Absorber + USP-H9 Snap Hook		
USP-810	USP-H10 Scaffold Hook	USP-888 Energy Absorber + Loop		
USP-811	USP-H9 Snap Hook	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-812	USP-H10 Scaffold Hook	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-813	USP-H10 Scaffold Hook	USP-888 Energy Absorber + USP-H9 Snap Hook		

Anchorage Attachment

Connecting Attachment



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **ROPE LANYARD | KR-SERIES**



- Rope Lanyards depicted in this section are made of 10.5mm & 12mm Kernmantle Polyamide Rope.
- These Lanyards are available in the length varying from 1.0 m to 2.0 m.
- The stitches ends of the ropes are protected with transparent sleeves and the loops are protected by plastic thimbles.
- Conforms to : EN 354: 2010

Technical Snapshot				
Part Code	Anchorage Attachment	Connecting Attachment	Length	Conforms to
USP-205	Loop	Loop	1.8 m	EN 354:2010
USP-206	Loop	USP-H6 Carabiner		
USP-207	USP-H6 Carabiner	USP-H6 Carabiner		
USP-208	USP-H9 Snap Hook	Loop		
USP-209	USP-H9 Snap Hook	USP-H9 Snap Hook		
USP-210	Loop	USP-H10 Scaffold Hook		
USP-211	USP-H9 Snap Hook	USP-H6 Carabiner		
USP-212	USP-H6 Carabiner	USP-H10 Scaffold Hook		
USP-213	USP-H9 Snap Hook	USP-H10 Scaffold Hook		



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **ENERGY ABSORBING LANYARD | KR-SERIES**



- These Lanyards are made up of Polyamide Kernmantle Rope 10.5mm & 12mm and are incorporated with an Energy Absorber.
- A blue colour running line indicator is for showing lanyard's life (Replace it when the blue running line fades which indicates that the lanyard life is over).
- Protective abrasion resistant thimble is used to prevent the rope from being damaged by the metallic contact of the connector.
- The stitches end is protected with a strong transparent protective sleeve for easy visibility to check the splicing/stitching & Label.
- Conforms to : EN 355:2002

Technical Snapshot				
Part Code	Anchorage Attachment	Connecting Attachment	Length	Conforms to
USP-805	Loop	USP-888 Energy Absorber + Loop	1.8 m	EN 355:2002
USP-806	USP-H6 Carabiner	USP-888 Energy Absorber + Loop		
USP-807	USP-H6 Carabiner	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-808	USP-H9 Snap Hook	USP-888 Energy Absorber + Loop		
USP-809	USP-H9 Snap Hook	USP-888 Energy Absorber + USP-H9 Snap Hook		
USP-810	USP-H10 Scaffold Hook	USP-888 Energy Absorber + Loop		
USP-811	USP-H9 Snap Hook	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-812	USP-H10 Scaffold Hook	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-813	USP-H10 Scaffold Hook	USP-888 Energy Absorber + USP-H9 Snap Hook		

Anchorage Attachment

Connecting Attachment



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

WEBBING LANYARDS

Webbing Lanyard / E.A. Webbing Lanyard / Internal Shock Absorbing Expandable Lanyard

The Webbing Lanyards in this section are made up of 44mm & 32mm wide polyester webbing.



EN 354:2010



EN 355:2002



IS 3521: PART 2:2021

CM/L 8700158120

UFS manufactures wide range of different colour Webbing Lanyards made from high tenacity polyester yarn, having different configuration of connectors at the ends.

The UFS Lanyards are also stitched with any other hook on special request.

All webbing lanyards with different combinations of connectors mentioned below are individually.



32mm



44mm



This webbing lanyard in this section are made up of 32mm and 44mm wide polyester webbing.

EN 354:2010



Webbing Lanyard SERIES



- UFS manufactures wide range of different colour Webbing Lanyards made from high tenacity polyester yarn, having different configuration of connectors at the ends.
- The Webbing Lanyards in this section are made up of 44mm & 32mm wide polyester webbing.
- The UFS Lanyards are also stitched with any other hook on special request.
- All webbing lanyards with different combinations of connectors mentioned below are individually.
- The loops at the ends are protected by an abrasion resistant covering. the prevents the webbing from being damaged by the metallic contact of the connector.
- Conforms to : EN 354:2010

Technical Snapshot

Part Code	Anchorage Attachment	Connecting Attachment	Length	Conforms to
USP-225	Loop	Loop	1.8 m	EN 354:2010
USP-226	USP-H6 Carabiner	Loop		
USP-227	USP-H6 Carabiner	USP-H6 Carabiner		
USP-228	USP-H9 Snap Hook	Loop		
USP-229	USP-H9 Snap Hook	USP-H9 Snap Hook		
USP-230	USP-H10 Scaffold Hook	Loop		
USP-231	USP-H9 Snap Hook	USP-H6 Carabiner		
USP-232	USP-H10 Scaffold Hook	USP-H6 Carabiner		
USP-233	USP-H10 Scaffold Hook	USP-H9 Snap Hook		



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **E.A. Webbing Lanyard** | **SERIES**



- UFS manufactures wide range of different colour Webbing Lanyards made from high tenacity polyester yarn, having different configuration of connectors at the ends.
- The Webbing Lanyards in this section are made up of 44mm & 32mm wide polyester webbing & come incorporated with an Energy Absorber Pack.
- The UFS E.A. Webbing Lanyards are also stitched with any other hook on special request.
- All E.A. webbing lanyards with different combinations of connectors mentioned below are individually.
- Conforms to : EN 355:2002

Technical Snapshot				
Part Code	Anchorage Attachment	Connecting Attachment	Length	Conforms to
USP-825	Loop	USP-888 Energy Absorber + Loop	1.8 m	EN 355:2002
USP-826	USP-H6 Carabiner	USP-888 Energy Absorber + Loop		
USP-827	USP-H6 Carabiner	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-828	USP-H9 Snap Hook	USP-888 Energy Absorber + Loop		
USP-829	USP-H9 Snap Hook	USP-888 Energy Absorber + USP-H9 Snap Hook		
USP-830	USP-H10 Scaffold Hook	USP-888 Energy Absorber + Loop		
USP-831	USP-H9 Snap Hook	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-832	USP-H10 Scaffold Hook	USP-888 Energy Absorber + USP-H6 Carabiner		
USP-833	USP-H10 Scaffold Hook	USP-888 Energy Absorber + USP-H9 Snap Hook		

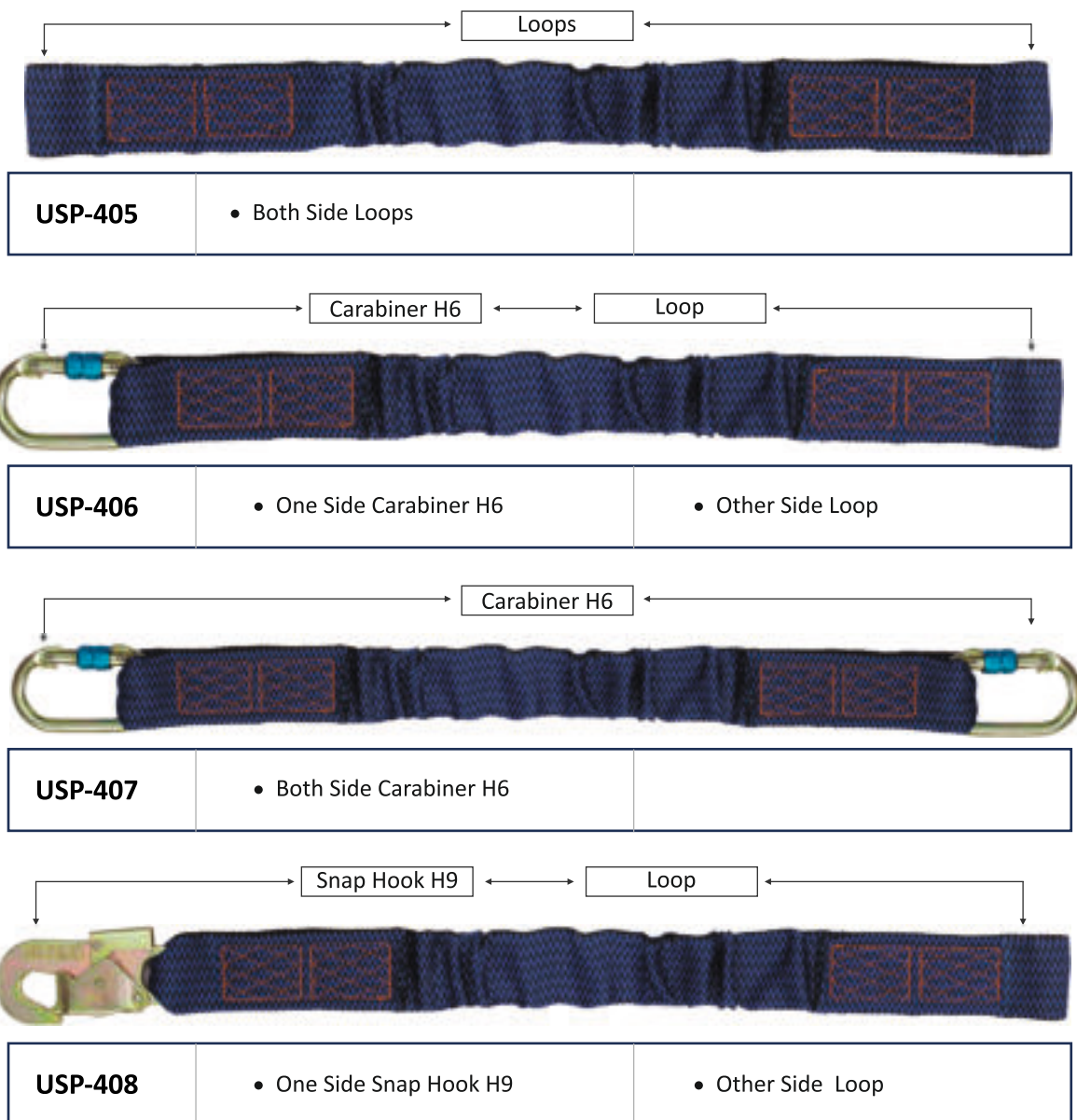


Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

INTERNAL SHOCK ABSORBING EXPANDABLE LANYARD | SERIES

- The Lanyard come with Energy Absorption feature incorporated within their core, they do not require any additional Energy Absorber pack, hence are lighter in weight.
- These Lanyard are ideal for use in conditions where there are chances of the user tripping over the Lanyard. The Elastic nature of the Lanyard reduces the actual effective length of the Lanyard there by reducing trip hazards.
- UFS offers wide range of Webbing Lanyard, having different configuration of connectors on the ends.
- All UFS Lanyards are also supplied with any other hook on special customer request.
- Relaxed Length = 1.4 to 1.6m, expanded Length = 2.0m.
- EN 354:2010.

Internal Shock Absorbing Expandable Lanyard

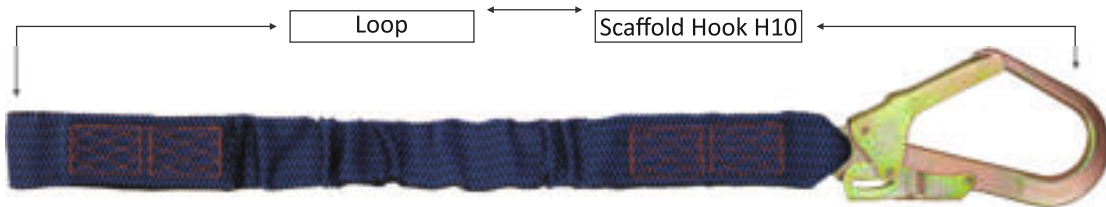


Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

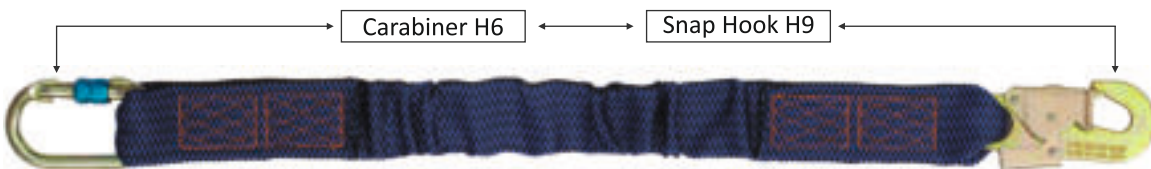
➔ **INTERNAL SHOCK ABSORBING
EXPANDABLE LANYARD | SERIES**



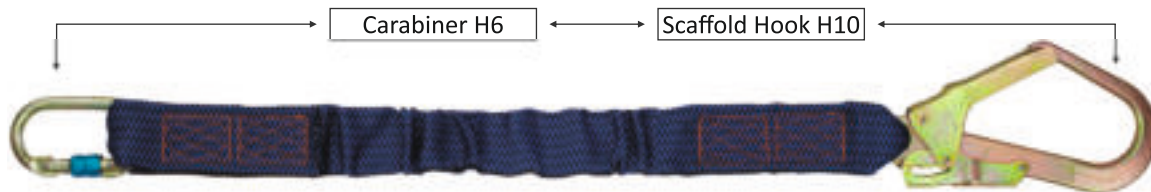
USP-409	<ul style="list-style-type: none"> • Both Side Snap Hook H9 	
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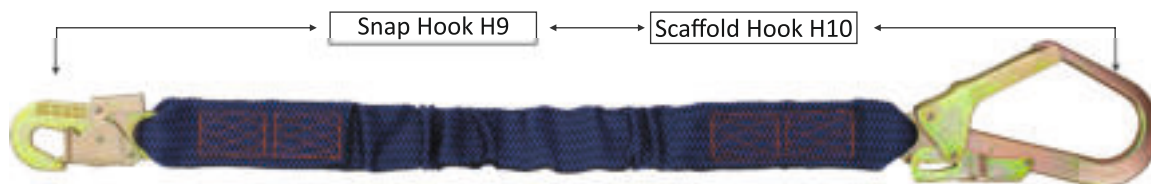
USP-410	<ul style="list-style-type: none"> • One Side Loop 	<ul style="list-style-type: none"> • Other Side Scaffold Hook H10
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USP-411	<ul style="list-style-type: none"> • One Side Carabiner H6 	<ul style="list-style-type: none"> • Other Side Snap Hook H9
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USP-412	<ul style="list-style-type: none"> • One Side Carabiner H6 	<ul style="list-style-type: none"> • Other Side Scaffold Hook H10
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USP-413	<ul style="list-style-type: none"> • One Side Snap Hook H9 	<ul style="list-style-type: none"> • Other Side Scaffold Hook H10
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Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **EXPANDABLE LANYARD**



- This Forked Energy Absorbing Expandable Lanyard is stretchable for complete freedom of movement.
- This Lanyard retracts automatically to fit the working area.
- Particularly suitable for working in restricted space.



USP-835



USP-836

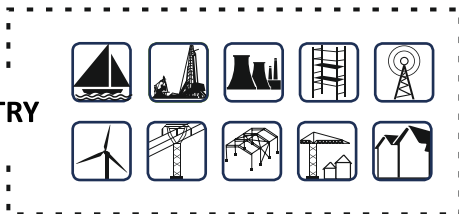


USP-845



USP-895

USE IN INDUSTRY



Tested at 140 kgs

→ EN STANDARDS

All models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

Technical Snapshot

	USP-835	USP-836	USP-845	USP-895
Webbing Rope	Polyester Rope	Polyester Rope	Polyester Rope	Polyester Rope
Dia/Width	44mm	44mm	44mm	44mm
Attachment Type	The Lanyard has one side with Steel Snap Hook USP H9 with Energy Absorber USP 888 and other two ends with Scaffold Hooks USP H10.	The Lanyard has one side with Steel Carabiner Hook USP H6 with Energy Absorber USP 888 and other two ends with Scaffold Hooks USP H10.	The Lanyard has both sides with Steel Carabiner USP H6.	The Lanyard has one side with Steel Carabiner USP H6 and other side with one Scaffold Hook USP H10.
Max. Length	2 m	2 m	2 m	2 m
Certified to	EN 355:2002	EN 355:2002	EN 354:2010	EN 355:2002

FORKED LANYARDS

**Forked Restraint
Kernmantle Lanyard** / **Twin Legged Energy
Absorbing Lanyard**

UFS Forked Restraint Lanyards comes in Twisted Rope 12mm, Kernmantle Rope 12mm & also available in 44mm & 32mm wide polyester webbing there by offering the facility to move in all directions while remaining safely anchored at all times. The lanyards are suited only for purpose of restraint, and should not be used for Fall Protection since they **do not have any Energy Absorber**.



EN 354:2010



EN 355:2002



IS 3521: PART 2:2021



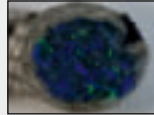
CM/L 8700158120

UFS manufactures Forked Restraint Lanyards.

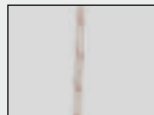
Twin Legged Energy Absorbing Lanyard consisting of a 12mm.

Kernmantle Rope Lanyard and a Polyester Energy Absorber.

The Lanyard terminates at one end with a steel carabiner and steel scaffold Hooks at the other ends.



Ø12mm Dia.



2.0mtrs.

This Forked lanyard are made up of 12mm Diameter & length are available in 1.5mtrs, 1.8mtrs, 2.0mtrs.



EN 355:2002

➔ **FORKED RESTRAINT LANYARD**



USP-955
FORKED RESTRAINT KERNMANTLE LANYARD



USP-956
FORKED RESTRAINT TWISTED LANYARD



USP-965
FORKED RESTRAINT WEBBING LANYARD



USP-966
FORKED RESTRAINT WEBBING LANYARD

UFS Forked Restraint Lanyards comes in Twisted Rope 12mm, Kernmantle Rope 12mm & also available in 44mm & 32mm wide polyester webbing there by offering the facility to move in all directions while remaining safely anchored at all times. The lanyards are suited only for purpose of restraint, and should not be used for Fall Protection since they do not have any Energy Absorber.

Technical Snapshot				
Part Code	USP-955	USP-956	USP-965	USP-966
Webbing Rope	Restraint Kernmantle Rope	Restraint Twisted Rope	Restraint Polyester Webbing Lanyard	Restraint Polyester Webbing Lanyard
Dia/Width	12mm	12mm	44mm	30mm
Attachment Type	The Lanyard terminates at one end with a steel carabiner and steel scaffold hooks at the other ends.		The Webbing Lanyard terminates at one end with a steel carabiner and steel scaffold Hooks at the other ends.	
Max. Length	2.0m	2.0m	2.0m	2.0m
Compliance to	EN 354:2010	EN 354:2010	EN 354:2010	EN 354:2010

All models are available in sizes of 1m, 1.5m, 1.8m & 2.0 meters.

➔ **TWIN LEGGED ENERGY ABSORBING LANYARD**



USP-855
TWIN LEGGED ENERGY ABSORBING LANYARD



USP-856
TWIN LEGGED ENERGY ABSORBING LANYARD



USP-865A
TWIN LEGGED ENERGY ABSORBING LANYARD



USP-865S
TWIN LEGGED ENERGY ABSORBING LANYARD



USP-865T
TWIN LEGGED ENERGY ABSORBING LANYARD



USP-865
TWIN LEGGED ENERGY ABSORBING LANYARD



USP-866
TWIN NANO LEGGED ENERGY ABSORBING LANYARD

UFS Forked Lanyards are Tested as per VG11 clause 63 of PPE Directive 89/686/EEC to provide extra safety to the user and the same conform to EN 355:2002 Plus VG 11 PPE 63 (Additional Static Strength Test).

Technical Snapshot							
Part Code	USP-855	USP-856	USP-865A	USP-865S	USP-865T	USP-865	USP-866
Webbing Rope	Polyamide Kernmantle Rope	Twisted Polyamide Rope	Polyester Webbing	Polyester Webbing	Polyester Webbing	Polyester Webbing	Polyester Webbing
Dia/Width	12mm	12mm	44mm	44mm	44mm	44mm	30mm
Attachment Type	The Lanyard terminates at one end with a steel carabiner and steel scaffold hooks at the other ends.		The Lanyard terminates at one end with a Autolock carabiner and steel scaffold hooks at the other ends.	The Lanyard terminates at one end with a Snap Hook and steel scaffold hooks at the other ends.	The Lanyard terminates at one end with a Steel carabiner and Steel Tower hooks at the other ends.	The Webbing Lanyard terminates at one end with a steel carabiner and steel scaffold Hooks at the other ends.	
Max. Length	2 m	2 m	2 m	2 m	2 m	2 m	2 m
Certified to	EN 355:2002	EN 355:2002	EN 355:2002	EN 355:2002	EN 355:2002	EN 355:2002	EN 355:2002

All models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **USP-865G**
TWIN LEGGED ENERGY
ABSORBING LANYARD



Z359.13-2013 & OSHA
Regulations

UFS Protects offers wide range of High Quality Expandable Webbing Lanyard made from high tenacity polyester yarn. UFS offers all the lanyards by undergo rigorous quality checks to ensure that each piece which comes out of the production lineup meets the international quality expectation and standards. UFS Protects having different configuration of connectors at the ends. All of UFS Expandable Webbing Lanyards conforms to the latest EN Standards.

- Twin Legged Energy Absorbing Lanyard consisting of a 30 ± 1mm polyester webbing Lanyard and a Energy Absorber.
- The Webbing Lanyard terminates at one end with a steel Carabiner and steel scaffold Hooks at the other ends.
- Available in lengths 1.5 mtr. 1.8 mtr & 2 mtrs.



Technical Snapshot

Part Code	Webbing	Dia/Width	Attachment Type	Max. Length
USP-865G	Polyester Webbing	44mm	The Lanyard terminates at one end with a steel carabiner and steel scaffold hooks at the other ends.	2 m

Work Positioning Lanyard

UFS has a comprehensive series of Work Positioning Lanyards. These Lanyards can be connected to the Lateral D-Rings on the work positioning belts or Combination Harnesses and easily adjusted for the lengths to suit the work application.

➔ **WORK POSITIONING LANYARD**



UFS Work Positioning Lanyards are tested and Conform to EN Standard EN 358: 2000.



USP-701
WORK POSITIONING LANYARD
WITH METAL (RING) ADJUSTER



USP-702
WORK POSITIONING LANYARD
WITH ROPE LENGTH ADJUSTER



USP-703
Work Positioning Lanyard
with Rope Length Adjuster

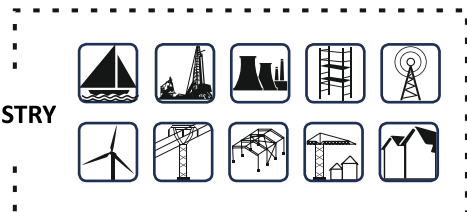


USP-704
Work Positioning Lanyard
with Metal (Ring) Adjuster



USP-705
Webbing Work Positioning Lanyard

USE IN INDUSTRY



Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

Technical Snapshot

Part Code	USP-701	USP-702	USP-703	USP-704	USP-705
Rope	Twisted Rope	Twisted Rope	Polyamide Kernmantle Rope	Polyamide Kernmantle Rope	Polyester
Dia/Width	12mm-14mm	10.5mm-12mm	10.5mm-12mm	10.5mm-12mm	32mm
Rope Grab/ Adjuster	Ring type Adjuster	Rope Length Adjuster USP-RLA	Rope Length Adjuster USP-RLA	Ring type Adjuster	Ring type Adjuster
Attachment Type	Steel Carabiners H6 at both the ends for attachment.	Steel Carabiners H6 at both the ends for attachment.	Steel Carabiners H6 at both the ends for attachment.	Steel Carabiners H6 at both the ends for attachment.	Steel Carabiners H6 at both the ends for attachment.
Max. Length	2.0m	2.0m	2.0m	2.0m	2.0m
Conforms to	EN 358:2000	EN 358:2000	EN 358:2000	EN 358:2000	EN 358:2000

Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.



➔ ANCHORAGE WEBBING SLINGS



IS 3521: PART 2:2021



CM/L 8700158120



USP-901



USP-902



USP-902C



USP-910



USP-920



USP-930

➔ ANCHORAGE WEBBING SLINGS

USP-901

Made up of 44mm wide Polyester Webbing
Length : 1.2m or as requested
Having a D-ring at one end and textile loop at the other end
Strength : Min. 18kN
EN 795: 2012

USP-902

Made up of 44mm wide Polyester Webbing
Length : 1m, 1.5m, 2m or as requested
Having a D-ring at both the ends
Strength : Min. 18kN
EN 795: 2012

USP-902C

Made up of 44mm wide Polyester Webbing
Length : 0.5m, 1m, 1.5m, 2m or as requested
Having a D-ring at one end and textile loop at the other end
Strength : Min. 18kN
EN 795: 2012

USP-910

Made up of 32 mm wide Polyester Webbing
Length : 1m, 1.5m, 2m or as requested
Having a loops at both the ends
Strength : Min. 18kN
EN 795:2012

USP-920

Made up of 32 mm wide Polyester Webbing in round shape.
Length : 1m, 1.5m, 2m or as requested
Strength : Min. 18kN
EN 795:2012

USP-930

Made up of 32 mm wide Polyester Webbing
Length : 1m, 1.5m, 2m or as requested
Having a D-ring at both the ends
Strength : Min. 18kN
EN 795:2012

Above models are available in sizes of 1m, 1.5m, 1.8m & 2 meters.

➔ **ANCHORAGE LINE
WITH ROPE GRAB FALL ARRESTER**

USP-777A

USP-777B

USP-777C

**KERNMANTLE ROPE ANCHORAGE
LINE USP RLA (KR) 20M**



Available in length 100m, 150m, 200m.

Available in lengths for 05m to 30m.
Longer Lengths are also available.



Twisted Anchorage Line USP 710 (TR)

- 14mm Polyamide Twisted Rope.
- One Side Loop, other side end stop knot.
- Length- 10m Ref. Anchor USP – 710 (TR)
20m Ref. Anchor USP – 720 (TR)
30m Ref. Anchor USP – 730 (TR)
40m Ref. Anchor USP – 740 (TR)
50m Ref. Anchor USP – 750 (TR)
- Longer Lengths are also available.



Kernmantle Anchorage Line USP 710 (KR)

- Made up of Dia 10.5mm to 12mm Polyamide Kernmantle Rope.
- One Side Loop, other side end stop knot.
- Length- 10m Ref. Anchor USP – 710 (KR)
20m Ref. Anchor USP – 720 (KR)
30m Ref. Anchor USP – 730 (KR)
40m Ref. Anchor USP – 740 (KR)
50m Ref. Anchor USP – 750 (KR)
- Longer Lengths are also available.

➔ PRE-USE CHECKS FOR ROPE GRAB FALL ARRESTER AND ANCHORAGE LINE

Before using a rope grab fall arrester and anchorage line for fall protection, it's crucial to perform pre-use checks to ensure the equipment is in proper working condition. This helps to ensure your safety while working at heights. Here are the steps you should follow:



Inspecting the inner part of a rope grab is indeed important to ensure it's in proper working condition and safe to use. Checking for signs of deformity, bends, cracks, or corrosion on the body of the rope grab is crucial in maintaining safety when working at heights.



Inspect the spring. Ensure that it should not be broken, and there should not be cracks, deformation, traces of corrosion or foreign objects.



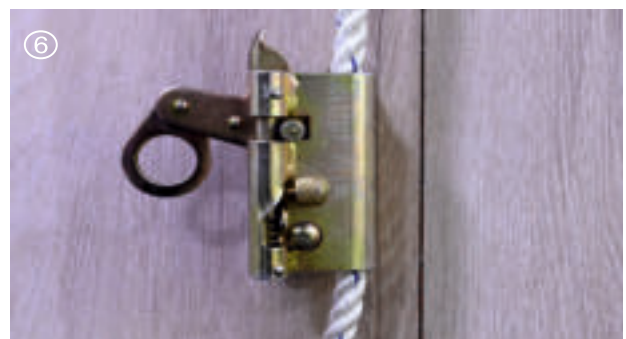
Checking for signs of rusting, corrosion, or sharpness on the teeth of a rope grab is crucial to ensure the device's safety and functionality.



Check for smooth opening, closing and locking. Once closed onto the anchorage line, the Rope Grab should not open on its own.



Inspecting the anchorage line for cuts, abrasion marks, or any sharp objects is a critical part of ensuring fall protection safety.



Checking the movement of a fall arrester on an anchorage line is crucial to ensure it functions properly and provides effective fall protection. Check the movement of Fall Arrester on Anchorage Line, it should move freely, and immediately grab the rope when released.



HOOKS & CONNECTORS



➔ **STANDARDIZED METAL COMPONENTS**



Hook's & Connectors plays a vital role in Personal Protective Equipment's. No PPE product is complete without either a hook or a connector. UFS offer an exhaustive range of hooks and connectors. Be it a Snap Hook or a Carabiner, Scaffold Hook or a D-Ring, Descender or an Ascender, UFS offer's premium quality Hook's and connectors. The entire range offered by UFS, conforms to the latest EN Standards and are built to meet the international quality standards.



**USP-H10
SCAFFOLD HOOK**

Material : Alloy Steel Forged
Min. Breaking Load : 5000 lbs/ 23 kN
Conforms to : EN 362 : 2004
Net Weight : 500 gm
Finish : Yellow Zinc, Silver Zinc Galvanized,
 Powder Coating
Gate Opening : 55mm



**USP-RLA 02
ROPE LENGTH ADJUSTER**

Finish : Anodizing and ED Coating
Size: 65.50mm X 87.50mm
Material : High Strength Aluminium Alloy
For Rope : Ø12-14mm Diameter of Polyamide Kernmantle Rope
Min. Breaking load : 2922.516 lbs/ 13kN
 EN 353-2 : 2002, EN 358
Net Weight : 226±10gm

➔ **STANDARDIZED METAL COMPONENTS**



USP - H6
MANUAL CARABINER



USP - H7
AUTO-LOCK CARABINER



USP - RLA
ROPE LENGTH ADJUSTER
12-14mm Diameter of Polyamide twisted Rope



USP - H9
SNAP HOOK



USP - 12
ANSI STEEL SNAP HOOK

Technical Snapshot

Part Code	USP -H6	USP -H7	USP-RLA	USP-H9	USP-H12
Material	Alloy Steel	Alloy Steel	Alloy Steel	Alloy Steel	Alloy Steel
Finish	Yellow Zinc, Silver Zinc Galvanized				
Min. Breaking Load	5000 lbs/ 23 kN	5000 lbs/ 23 kN	3600 lbs/ 16 kN	5000 lbs/ 23 kN	5000 lbs/ 23 kN
Gate Opening	18mm	18mm	-	18mm	-
Net Weight	150 gm.	150 gm.	520 gm.	206 gm.	365 gm.
Conforms to	EN 362 : 2004	EN 362 : 2004	EN 353-2 : 2002	EN 362 : 2004	EN 362 : 2004 ANSI Z359.12(09)

➔ **STANDARDIZED METAL COMPONENTS**



USP-777N

ROPE GRAB FALL ARRESTER

12-14mm Diameter of Polyamide twisted Rope



Ø25mm

USP-777N-R

ROPE GRAB FALL ARRESTER

12-14mm Diameter of Polyamide twisted Rope



Ø50mm



USP-D Ring



**USP-DRD02
DOUBLE D-RING**



**USP -TB01
TONGUE BUCKLE**

Technical Snapshot					
Part Code	USP-777N	USP-777N-R	USP-D Ring	USP-DRD02 DOUBLE D-RING	USP -TB01 TONGUE BUCKLE
Material	Alloy Steel	Alloy Steel	Alloy Steel Forged	Alloy Steel Forged	Alloy Steel Stamped
Finish	Yellow Zinc, Silver Zinc Galvanized, ED Coating				
Min. Breaking Load	3372 lbs/ 15 kN	3372 lbs/ 15 kN	5000 lbs/ 23 kN	5000 lbs/ 23 kN	15 kN (When tested as per ANSI Z359.12-20019)
Net Weight	913 gm.	500 gm.	82 gm.	105 gm.	67 gm.
Conforms to	EN 353-2 : 2002	EN 353-2 : 2002	-	-	-

STANDARDIZED METAL COMPONENTS



USP- PB01
PARACHUTE BUCKLE



USP-PF01
PARACHUTE FRAME



USP -CF01
COMBINATION FRAME



USP-CB01
COMBINATION BUCKLE

Technical Snapshot

Part Code	USP -PB01	USP -PF01	USP-CF1	USP-CB01
Material	Alloy Steel Stamped	Alloy Steel Stamped	Alloy Steel Stamped	Alloy Steel Stamped
Finish	Yellow Zinc, Silver Zinc Galvanized, ED Coated, Powder Coated			
Min. Breaking Load	4000 lbs/ 18 kN	4000 lbs/ 18 kN	4000 lbs/ 18 kN	4000 lbs/ 18 kN
Net Weight	40 gm.	33 gm.	36 gm.	20.5 gm.

➔ STANDARDIZED METAL COMPONENTS



USP-M8 B-RING



**USP-SDR03
STAMPED D-RING**



**USP-AB 05
QUICK RELEASE
AUTOMATIC BUCKLE**



**USP-SB01
SPRING BUCKLE**

Technical Snapshot

Part Code	USP-M8 B-RING	USP-SDR03	USP-AB 05	USP-SB01
Material	Alloy Steel Forged	Alloy Steel Forged	Alloy Steel Stamped	Alloy Steel Stamped
Finish	Yellow Zinc, Silver Zinc Galvanized, ED Coated, Powder Coated			
Min. Breaking Load	5000 lbs/ 23kN	5000 lbs/ 23kN	3372 lbs/ 15 kN	4000 lbs/ 18 kN
Net Weight	-	150 gm.	126 gm.	-



UFS Block Casing is nearly **Indestructible** and is made up of **High Impact Strength Polymer**, to **Prevent Damage and Breakage Of The Block.**

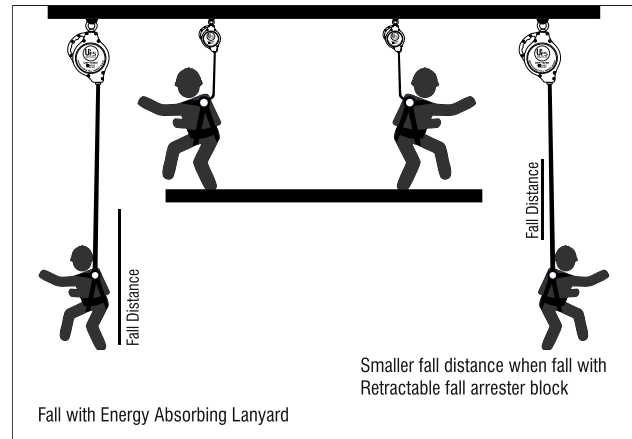


UFS Wire Rope Retractable Fall Arrest Block has a handle for easier and convenient usage.

➔ **RETRACTABLE FALL ARRESTER BLOCKS-**
The Perfect Solution for Challenging Situations

Challenges Faced During Work at Height

- ☞ Performing tasks at elevated heights.
- ☞ Working in areas with limited clearance space.
- ☞ Repeated operations at a fixed elevated location.
- ☞ Insufficient or unsuitable anchorage points.



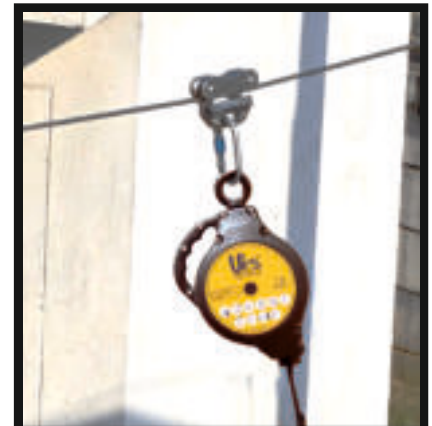
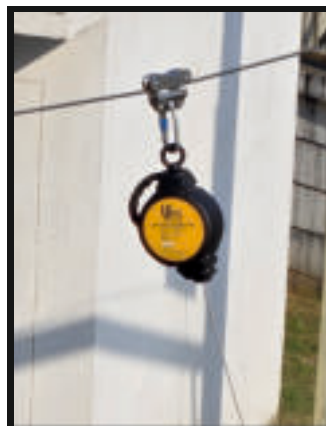
Retractable Block – The Solution

- ☞ can be securely anchored at a single point.
- ☞ Allows free movement across various working levels without restriction.
- ☞ Lanyard automatically extends and retracts to maintain constant tension—no slack at any point.
- ☞ In the event of a fall, the mechanism locks instantly, minimizing fall distance.
- ☞ Reduces impact force to less than 6 kN, ensuring enhanced safety for the user.

PULL DOWN THE LANYARD OF BLOCK USING TAG LINE

Additional Benefit Offered

Features an integrated side handle with ergonomic grip for comfortable carrying of heavier blocks. The special handle is included in all polymer-cased, GL, and webbing lanyard blocks ranging from 10m to 30m.



WIRE ROPE RETRACTABLE FALL ARREST BLOCK SERIES

Amongst all the challenges faced in fall protection, the most difficult is when the anchorage is too high to access and the clearance distance is very small. To overcome this challenge, UFS offers Wire Rope Retractable Fall Arrest Blocks. Made of high impact Polymer Casing which is nearly indestructible.

UFS's Fall Arrestor Blocks comes with Galvanized Steel Wire Rope of 4.5 mm diameter, having a Minimum Breaking Strength of 15 kN. UFS's Fall Arrestor Block conforms to EN 360:2002. It is the only Fall Arrestor Block that is tested and certified with a 136 Kgs. UFS offers a wide range in the length of the wire rope ranging from 6 meters to 20 meters.

FEATURES

Anchorage Eye with swivel action-Allow the block to move slightly to minimize friction on the cable if the block is not well aligned.

Ergonomic Carry Handle- Allow the user to transport the SRL with ease.

Impact Indicator - allow easy visual inspection to determine if the unit has experienced a fall by a user.



High Impact Polymer Casing

Damper Guide -is guide wire rope.

Snout for minimizing the accidental Locking - consists of snout which minimizes the accidental locking of the block when the wire rope is released suddenly.

Snap Hook With Swivel Action
Provides corrosion resistance.

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16000(06)



USP-16000(10)



- ▶ Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- ▶ Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.



Tested at 136 kgs

Part Code	USP-16000(06)	USP-16000(10)
Material of Casing	High Impact Strength Polymer	High Impact Strength Polymer
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.
Breaking Strength	15kN	15kN
Attached End	Has USP-H11 Hook with Load Indicator at attachment end.	Has USP-H11 Hook with Load Indicator at attachment end.
Anchorage End	Anchorage Eye with swivel action	Anchorage Eye with swivel action
Certification	EN 360:2002	EN 360:2002
Weight	4.2 kg	4.4 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16000(15)

USP-16000(20)

USP-16000(30)



- ▶ Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- ▶ Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.



Tested at 136 kgs

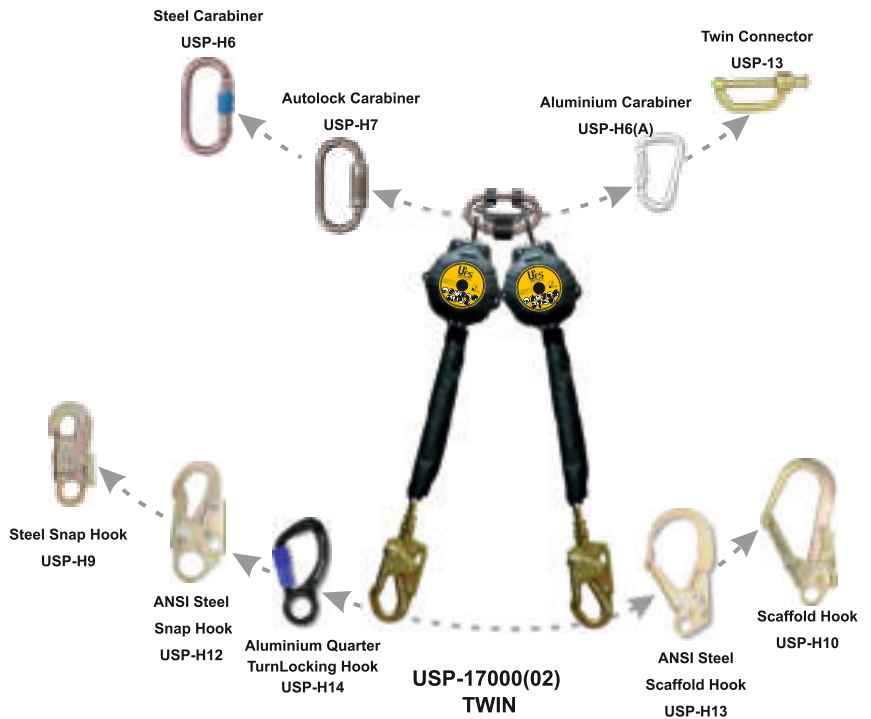
Part Code	USP-16000(15)	USP-16000(20)	USP-16000(30)
Material of Casing	High Impact Strength Polymer	High Impact Strength Polymer	High Impact Strength Polymer
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.
Breaking Strength	15kN	15kN	15kN
Attached End	Has USP-H11 Hook with Load Indicator at attachment end.	Has USP-H11 Hook with Load Indicator at attachment end.	Has USP-H11 Hook with Load Indicator at attachment end.
Anchorage End	Anchorage Eye with swivel action	Anchorage Eye with swivel action	Anchorage Eye with swivel action
Certification	EN 360:2002	EN 360:2002	EN 360:2002
Weight	9.0 kg	9.4 kg	9.6 kg

➔ **WEBBING RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-17000(02)

USP-17000(2.5)



- ▶ Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- ▶ Anchorage Eye with swivel action.



Tested at 140 kgs

Part Code	USP-17000(02)	USP-17000(2.5)
Material of Casing	High Impact Strength Polymer	High Impact Strength Polymer
Material and Dia of Lifeline	Polyester Webbing 25mm	Polyester Webbing 25mm
Breaking Strength	16kN	16kN
Attached End	Has USP-H11 Hook with Load Indicator at attachment end.	Has USP-H11 Hook with Load Indicator at attachment end.
Anchorage End	Anchorage Eye with swivel action	Anchorage Eye with swivel action
Compliance to	EN 360:2002	EN 360:2002
Weight	1.2kg	1.3kg

➔ **WEBBING RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-17000(06)



USP-17000(10)



- ▶ Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- ▶ Anchorage Eye with swivel action.



Tested at 136 kgs

Part Code	USP-17000(06)	USP-17000(10)
Material of Casing	High Impact Strength Polymer	High Impact Strength Polymer
Material and Dia of Lifeline	Polyester Webbing 25mm	Polyester Webbing 25mm
Breaking Strength	16kN	16kN
Attached End	Has USP-H11 Hook with Load Indicator at attachment end.	Has USP-H11 Hook with Load Indicator at attachment end.
Anchorage End	Anchorage Eye with swivel action	Anchorage Eye with swivel action
Compliance to	EN 360:2002	EN 360:2002
Weight	3.4kg	3.6kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16000(06)



USP-16000(06)



USP-16000(06)
As per ANSI Z359.14-2021



Tested at 136 kgs

Part Code	USP-16000(06)	USP-16000(06)	USP-16000(06) As per ANSI Z359.14-2021
Material of Casing	High Impact Strength Polymer		
Material and Dia of Lifeline	Stainless Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 5 mm.
Breaking Strength	15kN		
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.		
Anchorage End	Anchorage Eye with swivel action		
Compliance to	EN 360:2002		As per ANSI Z359.14-2021
Weight	4.2 kg		4.4 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16000(10)



USP-16000(10)



USP-16000(10)
As per ANSI Z359.14-2021



Tested at 136 kgs

Part Code	USP-16000(10)	USP-16000(10)	USP-16000(10) As per ANSI Z359.14-2021
Material of Casing	High Impact Strength Polymer		
Material and Dia of Lifeline	Stainless Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 5 mm.
Breaking Strength	15kN		
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.		
Anchorage End	Anchorage Eye with swivel action		
Compliance to	EN 360:2002		As per ANSI Z359.14-2021
Weight	8.4 kg		8.6 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16000(15)



USP-16000(15)



USP-16000(15)
As per ANSI Z359.14-2021



Tested at 136 kgs

Part Code	USP-16000(15)	USP-16000(15)	USP-16000(15) As per ANSI Z359.14-2021
Material of Casing	High Impact Strength Polymer		
Material and Dia of Lifeline	Stainless Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 5 mm.
Breaking Strength	15kN		
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.		
Anchorage End	Anchorage Eye with swivel action		
Compliance to	EN 360:2002		As per ANSI Z359.14-2021
Weight	8.4 kg		8.6 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16000(20)



USP-16000(20)



USP-16000(20)
As per ANSI Z359.14-2021



Tested at 136 kgs

Part Code	USP-16000(20)	USP-16000(20)	USP-16000(20) As per ANSI Z359.14-2021
Material of Casing	High Impact Strength Polymer		
Material and Dia of Lifeline	Stainless Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 4.5 mm.	Galvanized Steel Wire Rope of dia 5 mm.
Breaking Strength	15kN		
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.		
Anchorage End	Anchorage Eye with swivel action		
Compliance to	EN 360:2002		As per ANSI Z359.14-2021
Weight	8.6kg		8.8kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK EDGE PROTECTION
SERIES**



USP-16000(06)E
As per ANSI Z359.14-2021



USP-16000(10)E
As per ANSI Z359.14-2021



- Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- Incorporated with an Energy Absorber for shock absorption.
- Anchorage Eye with swivel action.
- Prevents undue twist of rope while working or in the event of a Fall.



Tested at 136 kgs

Part Code	USP-16000(06)E	USP-16000(10)E
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 5 mm.	
Breaking Strength	15kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002 As per ANSI Z359.14-2021	
Weight	4.3 kg	4.5 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK EDGE PROTECTION
SERIES**



USP-16000(15)E
As per ANSI Z359.14-2021

USP-16000(20)E
As per ANSI Z359.14-2021



- Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- Incorporated with an Energy Absorber for shock absorption.
- Anchorage Eye with swivel action.
- Prevents undue twist of rope while working or in the event of a Fall.



Tested at 136 kgs

Part Code	USP-16000(15)E	USP-16000(20)E
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 5 mm.	
Breaking Strength	15kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002 As per ANSI Z359.14-2021	
Weight	8.5 kg	8.7 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16100(06)



USP-16100(10)



Tested at 136 kgs

Part Code	USP-16100(06)	USP-16100(10)
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 4.5 mm.	
Breaking Strength	15kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002	
Weight	4.3 kg	4.5 kg

➔ **WIRE ROPE RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-16100(15)



USP-16100(20)



Tested at 136 kgs

Part Code	USP-16100(15)	USP-16100(20)
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 4.5 mm.	
Breaking Strength	15kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002	
Weight	9.1 kg	9.3 kg

➔ WEBBING RETRACTABLE FALL ARREST BLOCK SERIES

The Retractable Fall Arrest Block must be used in work situation that involved the risk of falling. It has the sole function of arresting falls in situation involving activities carried out at a height of 01 Meter to 3.5 Meters.

- Swivel Eye
- Polymer Casing
- Fall Impact Indicator
- 25mm Webbing Width
- Swivel Hook
- MBS = 16kN
- Compliance to EN 360:2002

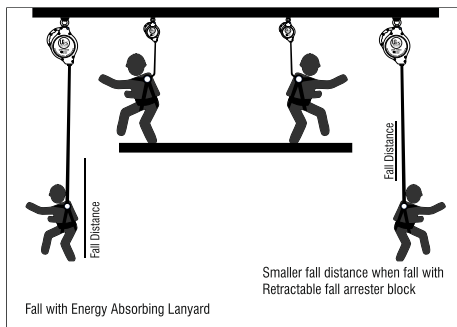
- Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- Incorporated with an Energy Absorber for shock absorption.
- Anchorage Eye with swivel action.



USP-17000(02)



USP-17000(2.5)



Tested at 140 kgs

Part Code	USP-17000(02)	USP-17000(2.5)
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Polyester Webbing 25mm.	
Breaking Strength	16kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002	
Weight	1.4kg	1.45kg

➔ **WEBBING RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-17000(02) TWIN



Tested at 140 kgs

General Features

- Micron functions as either a single or double lanyard, depending on the need. No separate connector is necessary.
- Limits swing distance during a fall, preventing it from impacting the user's head.
- Can be connected to any type of harness.
- Fixed directly onto the harness webbing, leaving the dorsal D-ring available for rescue or additional equipment.
- Compact design ensures a secure fit and 100% tie-off.
- Enables easy movement while transitioning between work points.

➔ **WEBBING RETRACTABLE
FALL ARREST BLOCK
SERIES**



Tested at 140 kgs



Push the pin inside the grooves of the connector to ensure locking.

Open connector by Pushing the locking lever and push button at the end simultaneously.



Slide connector through loosened web straps placed below the Dorsal D-ring, then pull straps tight.

➔ **WEBBING RETRACTABLE
FALL ARREST BLOCK
SERIES**



- Swivel Eye
- Polymer Casing
- Fall Impact Indicator
- 25mm Webbing Width
- Swivel Hook
- MBS = 16kN
- Compliance to EN 360:2002

Webbing Lanyard



USP-15000TWIN



USP-15000(02)



- Casing made up of high impact strength Polymer, to prevent damage and is nearly indestructible.
- Incorporated with an Energy Absorber for shock absorption.
- Anchorage Eye with swivel action.



Tested at 140 kgs

Part Code	USP-15000TWIN	USP-15000(02)
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Polyester Webbing 25mm.	
Breaking Strength	15kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002	
Weight	2.2kg	1.1kg

➔ **WEBBING RETRACTABLE FALL ARREST BLOCK SERIES**

- Has protective casing.
- Has a retractable webbing of width 47mm.
- Maximum length 2.5m.
- Incorporated with an Energy Absorber for shock absorption.

Webbing rope retractable fall arrest block The device must be used in work situation that involved the risk of falling. It has the sole function of arresting falls in situation involving activities carried out at a height of 1.5 Meter to 2.0 Meters. Overhead attachment vertical application.



USP-17000(2.5)



USP-17000(01)



Tested at 140 kgs

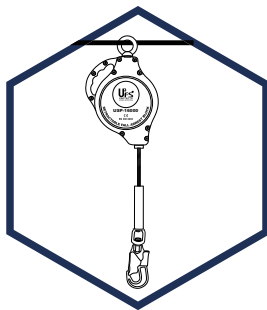
Part Code	USP-17500(2.5)	USP-17000(01)
Material of Casing	High Impact Strength Polymer	
Material and Dia of Lifeline	Polyester Webbing 44mm.	Polyester Webbing 25mm.
Breaking Strength	16kN	
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.	
Anchorage End	Anchorage Eye with swivel action	
Compliance to	EN 360:2002	EN 360:2023
Weight	1.4kg	1.1kg

➔ **WEBBING RETRACTABLE
FALL ARREST BLOCK
SERIES**



USP-18000TW (02)

The USP 18000TW (0~2) is a dual independent self-retracting lifeline system, designed for overhead vertical applications. It features two integrated devices connected via a double-locking carabiner, equipped with a built-in energy absorber for fall arrest protection. This system ensures enhanced safety and stability in high-risk environments by automatically retracting the lifelines and minimizing fall distances.



Tested at 140 kgs

Part Code	USP-18000TW(02)
Material of Casing	High Impact Strength Polymer
Material and Dia of Lifeline	Polyester Webbing 25mm.
Breaking Strength	16kN
Attached End	It comes with various options of UFS hooks to choose from as per the requirements.
Anchorage End	Anchorage Eye with swivel action
Compliance to	EN 360:2023
Weight	2.8kg

➔ **RETRIEVAL
FALL ARREST BLOCK
SERIES**

UFS Protects has developed a range of Retractable Fall Arrest Blocks with an integrated Rescue Retrieval function that allows a person (after a fall) to be lifted up or down in a controlled manner, this eliminates the rescuer to descend to the person and reduces the amount of time involved to carry out the rescue.

- Ergonomic Carry Handle for ease of transportation.
- Locking Pin to engage and release Fall Arrest and Rescue mode.
- Integrated manual rescue mode function (hoisting and descending).
- Automatic Retractable Block.
- Hydro Seepage System to allow water to be drained from block.
- 4.5mm Galvanised Steel Cable for added strength and safety.
- Snout reduces the locking of the cable when it is suddenly released.
- Temperature Range: -30 to +50C.



USP-19000(20)



Tested at 140 kgs

Part Code	USP-19000(20)
Material of Casing	High Impact Strength Polymer
Material and Dia of Lifeline	Galvanized Steel Wire Rope of dia 4.5 mm.
Breaking Strength	15kN
Attached End	Steel Swivel Snap Hook With Fall Indicator
Anchorage End	Anchorage Eye with swivel action
Compliance to	EN 360:2023
Weight	9.4kg

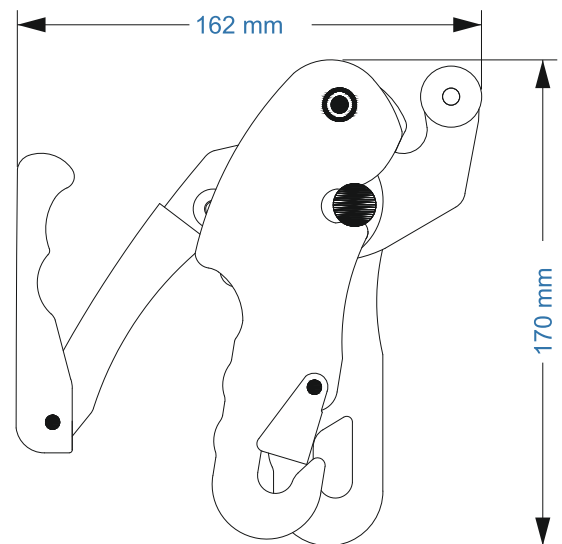
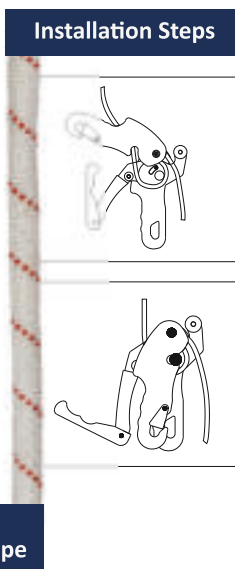


Material Handling Kit

➔ **DESCENDER**
USP -DC02



- For descent on a single rope.
- Equipped for the unique self breaking system that initiates the brake as soon as the handle is released or clasped to tightly.
- Descender has polymer-coated cover for comfort and easy during descent.
- It is provided with a self locking eye which prevents the rope from sliding out when operating as a descender.



Technical Snapshot						
Part Code	Material	Finish	Max Rope Size Diameter	Breaking Strength	Weight	Conforms to
USP-DC02	Aluminum alloy	Powder Coated, ED Coating	10mm-12mm Kernamental Rope	12kN	360g	EN 12841-C and EN 341- Class A

➔ PULLEY



USP-SP01
SINGLE PULLEY

USP-STP01
SMALL TANDEM PULLEY

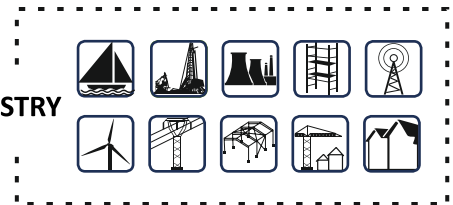
USP-DP01
DOUBLE PULLEY

Technical Snapshot						
Part Code	Material	Finish	Max Rope Size Diameter	Breaking Strength	Weight	Conforms to
USP-SP01	Aluminum alloy cover and Pulley with Ball bearing	Anodized	13 mm	30 kN	83.5 gm	EN 12278:2007
USP-STP01	Aluminum alloy cover and Pulley with Ball bearing	Anodized	13 mm	30 kN	83.5 gm	-
USP-DP01	Aluminum alloy cover and Pulley with Ball bearing	Anodized	13 mm	20 kN	226 gm	EN 12278:2007

➔ **UFS MATERIAL HANDLING KIT**
USP-1050

- In case a traditional access system cannot be installed, Rope Access equipment is used with the fall protection system is used.
- In case of any emergency, rescue techniques are to be used, hence making it the most sensitive. In such situations, reaching the victim, releasing him/her and moving the victim up or down is of utmost importance.
- For this, UFS offers Rescue Kits. UFS's Rescue Kit offers all the equipment's that is required for the rescue of the victim, ranging from a harness to the rope, Rope Grab to Descender etc. all packed neatly in a kit bag.
- UFS's also offers other Kits like Material Handling & Window Cleaning Kits which include all the premium grade products neatly packed in a Kit Bag that would be required for the said purpose.

USE IN INDUSTRY



USP -DC02
DESCENDER



USP -SP01
SINGLE PULLEY



USP -DP01
DOUBLE PULLEY



USP -RHJ1
RIGHT/LEFT HAND JUMAR



USP -BG-01
UFS KIT BAG

➔ **UFS MATERIAL HANDLING KIT**

USP-1050



**USP - H6
CARABINER**



**USP - H7
AUTO-LOCK CARABINER**



**USP - 710(KR)
POLYAMIDE ANCHORAGE LINE**



**USP -920
ANCHORAGE ROUND
WEBBING SLING**



**USP -930
ANCHORAGE WEBBING SLING**

Technical Snapshot

Part code	Material	Finish	Max Rope Size Dia / Webbing Width	Gate Opening	Breaking Strength	Weight	Conform to
USP-DC02	Aluminum alloy	Powder Coated, ED Coating	10mm-12mm Kernamental Rope	-	12kN	360gmm	EN 12841-C and EN 341- Class A
USP-SP01	Aluminum alloy cover and Pulley with Ball bearing	Anodized	13mm	-	30 kN	83.5g	EN 12278 : 2007
USP-DP01	Aluminum alloy cover and Pulley with Ball bearing	Anodized	13mm	-	20 kN	226g	EN 12278 : 2007
USP-RHJ1	Aluminum alloy	Anodized	8mm-13mm	-	4 kN	190 gm.	EN:567/12841 : 2006
USP-H6	Alloy Steel	Yellow Zinc, Silver Zinc Galvanized	-	18mm	5000 lbs/ 23 kN	150 gm.	EN 362 : 2004
USP-H7	Alloy Steel	Yellow Zinc, Silver Zinc Galvanized	-	18mm	5000 lbs/ 23 kN	150 gm.	EN 362 : 2004
USP-920	Polyester	-	32mm	-	18 kN for 3 min	-	EN 566 : 2017
USP-930	Polyester	-	32mm	-	18 kN for 3 min	-	EN 566 : 2017
USP-710(KR)	Polyamide	-	10.5mm	-	-	-	EN 1891



Maintenance & Window Cleaning Kit

➔ **MAINTENANCE & WINDOW CLEANING KIT**



USP-1051



USP-777N

Rope Grab Fall Arrester

(Use 14mm, 16mm Diameter of Polyamide twisted Rope)

- **Material** : Alloy Steel
- **Finish** : Yellow Zinc, Silver Zinc Galvanized
- **Min. Breaking Load** : 3372 lbs/ 15 kN
- **Net Weight** : 913 gm
- **Conforms to** : EN 353-2:2002



USP-H6

Carabiner

- **Material** : Alloy Steel
- **Finish** : Yellow Zinc, Silver Zinc Galvanized
- **Min. Breaking Load** : 5000 lbs/ 23 kN
- **Gate Opening** : 18mm
- **Net Weight** : 150 gm.
- **Conforms to** : EN 362 : 2004



USP-902

Anchorage Webbing Sling

- **Material** : Made up of 44 mm wide Polyester Webbing.
- **Length** : 1.2m or as requested.
- **Conforms to** : EN 795: 2012
- Having a both end D-ring.
- **Min. Breaking Load** : 18 kN



USP-TL01

Tool Lanyard

- **Material** : Made up of 44 mm wide Polyester Webbing.
- **Length** : Length easily adjusted with the combination buckles.
- **Compliance to** : EN 12841 : 2006
- Underfoot strap is abrasion resistant and is slightly rigid to make it easier to step into.



USP-SC-01

Sitting Chair

- **Material** : Made up of 44 mm wide Polyester Webbing.
- **Net Weight** : 900 gm.
- **Min. Breaking Load** : 23 kN
- Easy Seat provides a comfortable seating for extended time during long hours of work, suspended at a height.

➔ MAINTENANCE & WINDOW CLEANING KIT



USP-1051



USP-DC01

Descender Lorry

- **Material :** Aluminum alloy , Stainless Steel
- **Color :** Black Body
- **Diameter of Rope :** 10mm, 12mm Kernamental Rope
- **Weight :** 365g (12.9 oz)
- **Finish:** Powder Coated and Electro Polish
- **Conforms to :** EN 12841-c and EN 341-Class A



USP-160

Full Body Harness

- Fully adjustable with comfort padded waist belt, thigh strap and Shoulder Strap.
- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic stitching pattern with strength.
- Metal type chest strap with easy handling.
- Adjustable dorsal high strength forged D-ring.
- Two lateral D-Rings for work positioning, one sternal D-Ring for fall arrest & one ventral D-Ring for rescue.
- Finished webbing ends with web holder.
- Special design & high resistant polyethylene Back
- Plate for holding D-Ring even after the fall.
- Conforms to EN 361:2002, EN 358, EN 813



USP-RHJ1

Right/Left Hand Jumar

- **Material :** Aluminum alloy
- **Finish :** Anodized
- **Diameter of Rope :** 8mm - 13mm
- **Weight :** 190g
- **Breaking Strength :** 4 kN
- **Conforms to :** EN 567 / 12841 : 2006



USP-710 (KR)

Polyamide Anchorage Line

- Length available as per Client request
- **Conforms to :** EN1891



USP-710 (TR)

Polyamide Anchorage Line

- Length available as per Client request
- **Conforms to :** EN1891

➔ **MAINTENANCE & WINDOW CLEANING KIT**



USP-1051



USP-1052 (FL)

Foot Loop

- Made up of 44 mm wide Polyester Webbing.
 - Underfoot strap is abrasion resistant and is slightly rigid to make it easier to step into.
 - Length easily adjusted with the combination buckles.
- Compliance to:** EN 795: 2012.



USP-EP01

Edge Protector

- Protects the rope from abrasion against an edge
- The edge ring guides on the angle of the edge protector prevents different anchorage lines from getting entangled over the edge.



USP-BG-01

UFS Kit Bag

- Comprehensive KIT for easy access at height.



USP-BG-02

UFS Tool Bag

A specialized rescue bag designed to store personal rescue equipment for emergency situations. This lightweight, compact and practical bag can be worn tight at your body, making recovery easier and alleviating the burden of carrying rope, equipment and gear. This leaves both hands free for the rescuer to assist in the retrieval of another person.

ROPE ACCESS & RESCUE

➔ **RESCUE KIT**

USP-1052



USP-777N

Rope Grab Fall Arrester

(Use 14mm, 16mm Diameter of Polyamide twisted Rope)

- **Material** : Alloy Steel
- **Finish** : Yellow Zinc, Silver Zinc Galvanized
- **Min. Breaking Load** : 3372 lbs/ 15 kN
- **Net Weight** : 913 gm
- **Conforms to** : EN 353-2:2002



USP-H7

Carabiner

- **Material** : Alloy Steel
- **Finish**: Yellow Zinc, Silver Zinc Galvanized
- **Min. Breaking Load** : 5000 lbs/ 23 kN
- **Gate Opening**: 18mm
- **Net Weight** : 150 gm.
- **Conforms to** : EN 362 : 2004



USP-RHJ1

Right/Left Hand Jumar

- **Material** : Aluminum alloy
- **Finish** : Anodized
- **Diameter of Rope** : 8mm - 13mm
- **Weight** : 190g
- **Breaking Strength** : 4 kN
- **Conforms to** : EN 567 / 12841 : 2006



USP-710 (TR)

Twisted Anchorage Line

- Length available as per Client request
- **Conforms to** : EN1891



USP-710 (KR)

Kernmantle Rope

- Length available as per Client request
- **Conforms to** : EN1891

➔ **RESCUE KIT**
USP-1052



USP -DC01

Lorry

- **Material** : Aluminum alloy , Stainless Steel
- **Finish**: Powder Coated and Electro Polish
- **Color** : Black Body
- **Diameter of Rope** : 10mm, 12mm Kernamental Rope
- **Weight** : 365g (12.9 oz)
- **Conforms to** : EN 12841-c and EN 341-Class A



USP-702

WORK POSITIONING LANYARD

- Made of 12mm &14mm dia Polyester three strand Twisted Rope.
- Has a convenient Rope length adjuster for an easy length adjustment.
- Maximum length of 2.0mtr.
- Easy to connect Steel Karabiners H6 at both the free ends for attachment.
- The lanyards conform to EN 358:2000



USP-902

ANCHORAGE WEBBING SLING

- Made up of 44 mm wide Polyester Webbing.
- **Length** : 1.2m or as requested.
- Having a D-ring at both the ends textile loop at the other end.
- **Conforms to**: EN 795: 2012.



USP-1052 (CT)

Cow Tail

- Made up of 30 mm wide Polyester Webbing having loops for attachment.
- It is made of Polyester webbing of length 20cm having loops for attachment.
- **Compliance to**: EN 354:2010



USP-1052 (FL)

Foot Loop

- Made up of 44 mm wide Polyester Webbing.
- Underfoot strap is abrasion resistant and is slightly rigid to make it easier to step into.
- Length easily adjusted with the combination buckles.

➔ **RESCUE KIT**
USP-1052



USP-855

FORKED LANYARD



- Twin Legged Energy Absorbing Lanyard consisting of a 12mm diameter Polyamide Rope Lanyard and a Polyester Energy Absorber.
- The Lanyard terminates at one end with a steel carabiner and steel scaffold Hooks at the other ends.
- Lengths available 1.5mtrs, 1.8mtrs & 2.0mtrs.
- **Conforms to:** EN 355: 2002.

USP-160

Full Body Harness



- Fully adjustable with comfort padded waist belt, thigh strap and Shoulder Strap.
- 44 mm Polyester Webbing with Min.Breaking Strength 22 kN.
- Automatic stitching pattern with strength.
- Metal type chest strap with easy handling.
- Adjustable dorsal high strength forged D-ring.
- Two lateral D-Rings for work positioning, one sternal D-Ring for fall arrest & one ventral D-Ring for rescue.
- Finished webbing ends with web holder.
- Special design & high resistant polyethylene Back
- Plate for holding D-Ring even after the fall.
- Conforms to EN 361:2002, EN 358, EN 813

USP-1052 (RK)

Rescue Knife



- Plastic Grip Handle
- Hand-held Cutter
- Large Size Utility Knife Auto-Lock cutter

USP-BG-01

UFS KIT BAG



A specialized rescue bag designed to store personal rescue equipment for emergency situations. This lightweight, compact and practical bag can be worn tight at your body, making recovery easier and alleviating the burden of carrying rope, equipment and gear. This leaves both hands free for the rescuer to assist in the retrieval of another person.

➔ STRETCHER



The backpack-portable UFS Stretcher is designed as a highly adaptable rescue system. It can be used in any scenario where a patient requires transport, and it is especially effective in challenging terrain and harsh weather conditions for rapid evacuation.



DESIGN

- Made up of non-Bio-reactive Polyolefin
- Dia. 10.0 mm Kernmantle rope is used to hold the victim within the stretcher
- Figure of Eight used towards head region for vertical carry & 50 mm straps have been incorporated to facilitate horizontal carry
- Brass grommets has been used to avoid corrosion
- Four textile carry handle has been incorporated for easy horizontal movement of the victim
- Plastic male-female locks has been used for attachment of straps
- Food retainer straps are provided for foot placement



Technical Snapshot

Stretcher

- **Material** : Made up of 44 mm wide Polyester Webbing.
- **Maximum Load** : 200 kg.
- Dia. 10.0 mm Kernmantle rope is used to hold the victim within the stretcher
- **Weight of device** : 5.5 kg
- **Total Weight with bag belts** : 8.0 kg

➔ **DRILL-POWERED RESCUE DEVICE**
USP-DPR(04)

The Drill- powered Rescue Device Made using high strength steel and aluminium alloy with semi static kernmantle ropes, Drill- Powered Rescue Device (DPR-04) is Ideal for evacuating multiple users through a shuttle system. It is the perfect device for rescue operations involving rescue, ascent and descent activities. It is best suited to be used for crane rescue, telecom towers and electrical towers.



Technical sheet

Material	High-Strength Aluminium
Finish	Spray Coating
Descent Speed	0.8- 2 m/s
Braking Quantity	Dual Braking
Braking Mechanism	Centrifugal Break
Manufacturing Process	Die-Casting
Maximum Weight Capacity	300 kg (max 1x500 mtr)
Controlled Descent Speed	0.8m/sec
Maximum Descent Height	500 mtr

Component Specifications

Component	Materials	Finish
Hand Wheel	High-Strength Aluminium Alloy	Powder coated Black
Carabiner	Aluminum Alloy	Anodized
Connector Hook	Aluminum Alloy	Anodized
Long Rope End	Kernmantle	Natural
Short Rope End	Kernmantle	Natural

➔ BATTERY POWERED ROPE ASCENDER USP-AADD(01)

UFS Protects Battery Powered Rope Ascender is an innovative and advanced electric power ascender that has been designed to provide a safe and efficient solution for carrying out work. UFS Protects Power Ascender is a versatile electric rope ascender that can be easily used in a wide variety of industries. This cutting-edge piece of equipment is powered by a rechargeable battery, making it ideal for use in a range of different environments. It has an ergonomic and lightweight design that allows it to be used easily and without extensive training. One of the key benefits of the Battery Powered Rope Ascender is its ability to provide safe and secure access to heights that would otherwise be difficult or impossible to reach.



Technical sheet

Material	Aerospace-grade anodized aluminum and corrosion-resistance stainless Steel
Battery Life	Up to 90-120 minutes (depending on load & usage)
Power source	High-capacity Lithium-Ion rechargeable Battery
Rope compatibility	10.5 mm to 12.5 mm
Recharge time	2 hours
Battery Runtime	1 to 2 hours (Load-dependent)
Maximum load Capacity	200 kg (440 lbs)
Control	Integrated push-button with safety lock
Safety Feature	Emergency stop, overload Protection
IP rating	Ip54 (Dust and splash resistance)
Weight	Approx. 8.5 kg (18.7 lbs)

Component Specifications

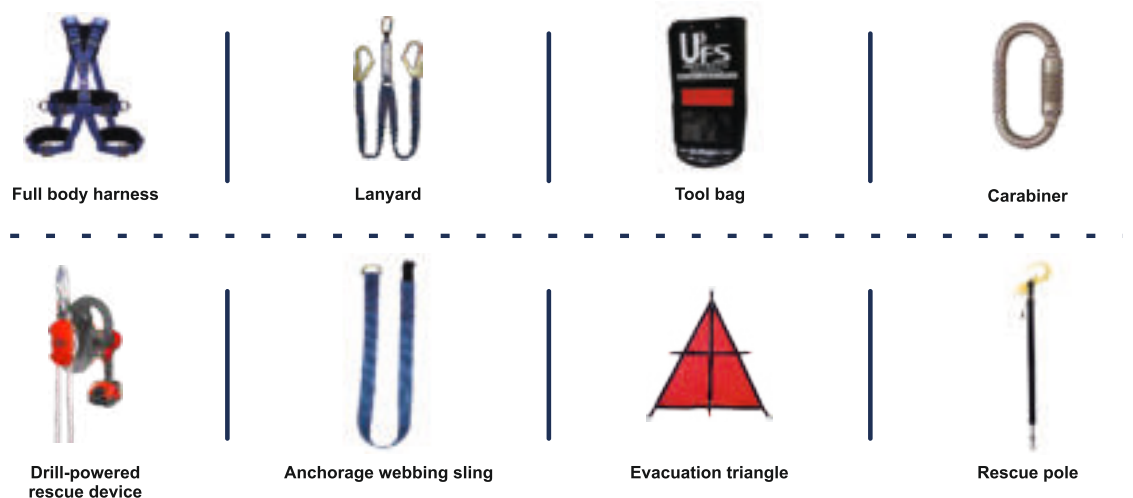
Component	Materials/ coating	Finish
Main frame Housing	Aluminum Alloy (6061-T6)	Anodised (Hard coat, mettlet grey)
Side plates\ covers	Aluminum Alloy (6061-T6)	Anodized
Internal gear system	High carbon steel	Zinc plated or Nitride
LED Indicator	Polycarbonate Lense	Clear UV Stabilized Lens
Emergency stop switch	Stainless / Steel	Anodized / Moulded
Webbing	Polyester	Natural
Carabiner	Aluminium Alloy	Anodised
Rope Pulley	Stainless Steel	Electropolish

UFS Protects rescue kit complete and immediate solution for rescue of a victim of fall from height, as he lies suspended with his fall arrest equipment.

**Essential Rescue kit
USP-RK-01**



**Emergency Rescue Evacuation System Kit
USP-RK-02**



UFS Protects rescue kit complete and immediate solution for rescue of a victim of fall from height, as he lies suspended with his fall arrest equipment.



**Hauling And Lowering Rescue kit
USP-RK-03**



Full body harness



Descender



Tool bag



Carabiner



Lanyard



Anchorage webbing sling



Right Hand Jumar



Rescue Pole



Single & double pulley



Work positioning lanyard



Anchorage line



Scaffold hook



UFS Tripod

USP-TP-700



IS 3521: PART 7:2021
CM/L 8700166414



UFS Tripod that can be used for easy access by user into confined space such as man-hole, or any type of loading tank.

UFS Tripod

One of the most challenging and toughest area in personal protection is when the user needs to work in confined spaces or areas that do not have easy access. UFS offers Tripod's and Winch's that allows ease in accessing such work areas for both finishing the intended work and/ or perform a rescue of an injured personnel stuck. UFS's Tripod is premium quality meeting to the international quality standards....





IS 3521: PART 7:2021
 CM/L 8700166414

➔ **TRIPOD**

USP-TP700

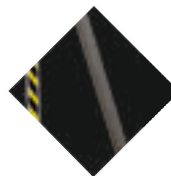
UFS Tripod is one such product that can be used for easy access by a worker into confined spaces such as Manholes, Tanks, etc. it provides a means of controlled ascent and descent, as well as protection from fall, should the depth of the space required it.



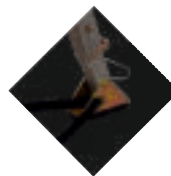
Tripod Head : Robust Aluminium Alloy cast head with two integral pulleys for smooth operation of the Winch.



Stainless Steel Eye Bolts : Tested to sustain a force of more than 12 kN static force as per EN 795 CLASS B.



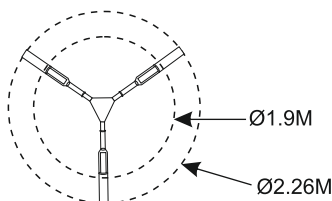
Telescopic Legs : Fully Adjustable Aluminium Telescopic Legs for use on level surfaces.



Sturdy Rubber Shoes : Sturdy Rubber Shoes provided With High Abrasion Resistant Sole to increase friction and impart more stability to the Tripod.

FEATURES

- For access in confined space
- with two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing cable.
- It allows making configuration with one winch & one Self Retractable block with hoisting facility with **USP-16000 (06-20 mtrs)**.
- Having two auxiliary eye bolts as attachment points.
- Aluminium alloy cast head, legs in high strength alloy aluminium.
- Steel support-shoes provided with rubber sole to increase friction & impart more stability.
- Strength of anchorage point greater than 12kN
- Every Tripod is provided with inbuilt fixture for attaching our winch USP-WN710 (can supply without this fixture on special request).
- Every Tripod is Provided with Tripod Bag.



Length	Specification	Compliance
7 ft.	Fully adjustable telescopic legs, adjustable height form 1.15m to 2.15m. Wheelbase (Footprint):1.5m diameter. Weight : 13 kg. Maximum load capacity : 500kg.	EN 795:2012 TYPE B

➔ **TRIPOD**

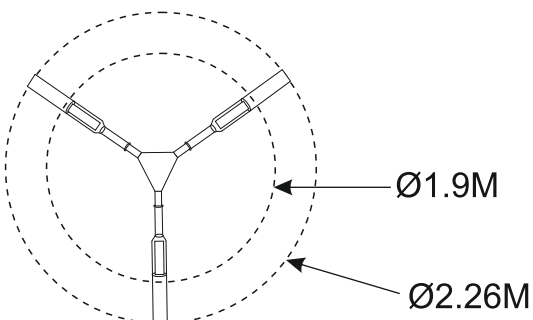
USP-TP800

TRIPOD has been designed for confined space entry/retrieval applications. Its simplistic design allows easy set up providing the user a means of controlled ascent and descent in minimal time.



FEATURES

- Double integral head mounted pulleys which is permanently incorporated in the cast aluminum head of the tripod and provides independent passing over of cable from a Winch and a SRL Block.
- Every tripod is provided with pre-installed universal mounting attachments to easily mount the Winch and SRL Block.
- Two auxiliary eye bolts as attachment points.
- Consists of steel support-shoes provided with rubber sole to increase friction and impart more stability.
- Comes with a sturdy bag to pack.



TECHNICAL SPECIFICATION

Part Code	USP-TP800
Material	Aluminium Alloy
Wheelbase Footprint	1.56 mtrs.
Maximum Load Capacity	500 kgs
System Strength	15 kN
Compliance to	EN 795:2012 Type B
Weight	24.35Kg ± 100grm

UFS Winch

USP-WN710



WINCH
by
UFS
PROTECTS
YOUR EQUIPMENT

Model : USP-WN710
Batch No. : USP710
Year : 2018
Wire Length : 20 mtr.
Horn : 20 1400 mm
Type A

Safe Load : 1300 Kg
Max Load : 140 Kg

MADE IN INDIA

➔ **WINCH**

USP-WN710



UFS Winches are the perfect solution for raising or lowering of personnel or material into confined spaces.



Part Code	Winch (USP-WN710)
Winch	Galvanized Steel wire rope of dia 4.5mm
Length of cable	20mtrs
Connector	Steel screw locking Carabiner USP-H9
Compatibility	Can be mounted on Tripods with the help of their fastener
Conforms to	EN 1496:2017 (Class A)

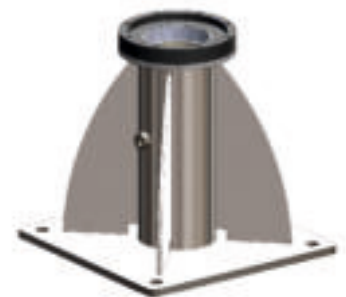
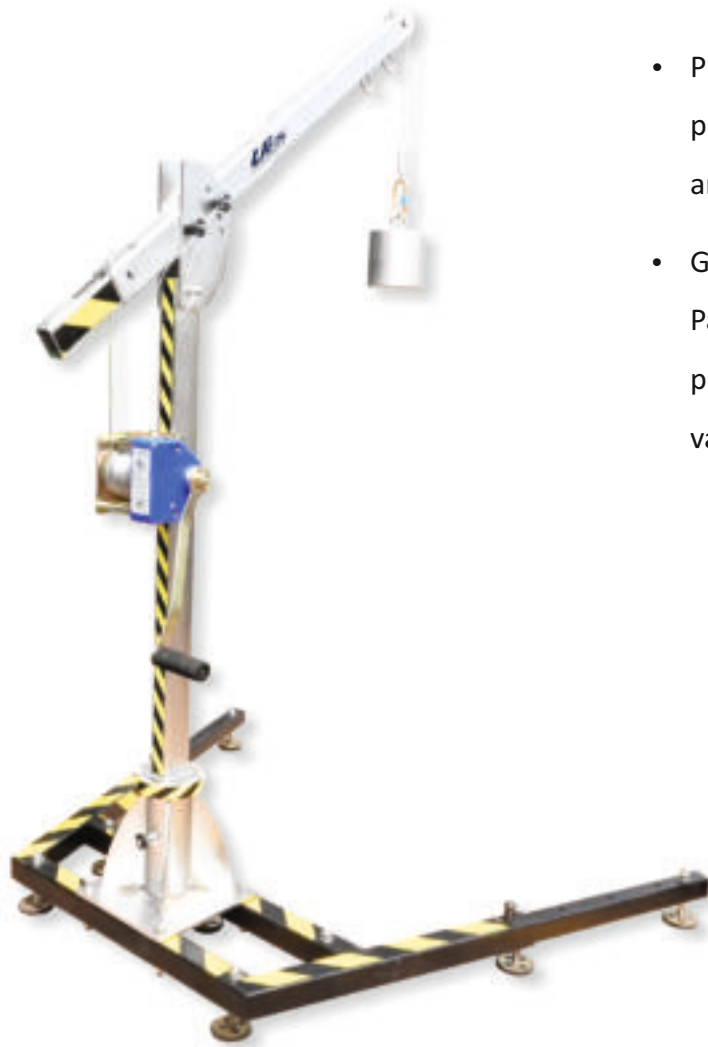
➔ **UFS-MONOPOD**

USP-800 (MP)

UFS- MONOPOD has been designed for confined space entry/retrieval applications. Its simplistic design allows easy set up providing the user a means of controlled ascent and descent in minimal time.

APPLICATION

- Public Utilities: Vault and manhole entry, pump / lift / valve station, water treatment and wastewater industries.
- General Industry (Food, Chemical, Pulp, and Paper): Elevated manholes, storage tanks, platforms / mezzanines, underground vaults, clarifier tanks, pre-heaters.



**USP-FMB01
Floor Mount Base**

Technical Snapshot

Part Code	Material	Maximum Load Capacity	Min. Breaking Strength	Weight	Compliance to
USP-800	Stainless Steel (SS316)	500kgs	15 kN	96Kg ± 100gm	EN 795:2012 Type B & AS/NZS 5532:2013

➔ **UFS-U-POD**

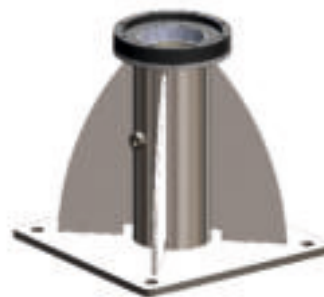
USP-800

UFS- POD has been designed for confined space entry/retrieval applications. Its simplistic design allows easy set up providing the user a means of controlled ascent and descent in minimal time.



APPLICATION

- Public Utilities: Vault and manhole entry, pump / lift / valve station, water treatment and wastewater industries.
- General Industry (Food, Chemical, Pulp, and Paper): Elevated manholes, storage tanks, platforms / mezzanines, underground vaults, clarifier tanks, pre-heaters.



USP-FMB01
Floor Mount Base



USP-WMB01
Wall Mount Base

Technical Snapshot

Part Code	Material	Maximum Load Capacity	Min. Breaking Strength	Weight	Compliance to
USP-FMB01	Stainless Steel (SS316)	500kgs	15 kN	12.400 Kg ± 100gm	EN 795:2012 Type B & AS/NZS 5532:2013
USP-WMB01	Stainless Steel (SS316)	500kgs	15 kN	12.750 Kg ± 100gm	EN 795:2012 Type B & AS/NZS 5532:2013

UFS[®]
PROTECTS
always protecting



TEMPORARY LIFELINE SYSTEM

➔ TEMPORARY LIFELINE SYSTEM (2 MEN)



USP-14010

UFS offers a temporary lifeline system that extends safety to the user while working in areas where a permanent lifeline system cannot be installed or may not require due to the temporary nature of work. UFS Temporary Lifeline includes a 20-meter webbing horizontal lifeline, having minimum breaking strength of 25kN. It can be adjusted from 5-meters to 20-meters and includes 2 steel carabiner hooks.



- Secures an operator throughout travel.
- Horizontal lifeline in 20mm webbing.
- Forked ends in order to : Either anchor to a structure without the need to add anchorage sling, or hang directly on adapted anchorage point.
- Steel ratchet to put the system into tension after adjusting the required length.
- Supplied with 2 steel Carabiner.
- Adjustable length from 5 mtrs to 20 mtrs.
- Minimum breaking strength 25 kN.

Be Careful!

When installing the lifeline it is essential to take into account the deflection (f) of the lifeline that need to be added to the clearance of the fall arrest system used.

➔ EDGE PROTECTOR

USP-EP01



- Protects the rope from abrasion against an edge
- The edge ring guides on the angle of the edge protector prevents different anchorage lines from getting entangled over the edge.

Material: Stainless steel 316

➔ **TEMPORARY HORIZONTAL LIFELINE (4 MEN)**



USP-14020

USP 14020 has 4 Steel O-Rings to enable the user to easily attach the Lanyard of his Harness to the Lifeline using a Carabiner.

Consists of a tension indicator for creating an adequate tension in the line. Once the required tension is achieved, the disc on the tension indicator gets released, indicating the line is ready to use.

Quick and easy to install, also reusable.



The whole system is supplied in a bag, which is permanently attached to the assembly. Enables the user to easily carry the system with the help of comfortable handles provided in the bag. This bag is designed in such a way that it keeps the unused rope safely, thereby preventing the rope from being subjected to abrasion or any damage caused by dust, dirt grime, oil etc. Once fitted, you can easily put back the extra rope not deployed along the length, into the bag.

Compliance to EN 795:2012 Type C, TS 16415:2013 (for up to 4 users).

Minimum breaking strength: 25kN

Technical Snapshot							
Part Code	Rope type	Material of tensioner	Attachment type	Anchorage type	Max. nos of user	Max. Span Length	Weight
USP-14020	Kernmentle Rope of Dia 16mm	Aluminium and Stainless steel	One end-Swivel Other end-Tension with USP H9	Forged Galvanized Steel O-Rings (Qty-4 nos).	4 users	5m to 20m	10.400Kg ±100grm

UFS[®]
PROTECTS
always protecting



111

FIXED LINE SYSTEM

FIXED LINE SYSTEM

VERTICAL LIFELINE SYSTEM

While carrying tools and materials up ladders countless numbers of workers lose footing due to the presence of grease, mud, snow, ice and water. UFS manufactures vertical lifeline and a rope grab system that can be used to prevent such accidents.

A UFS Vertical Lifeline allows movement up and down the entire height of the line, eliminating the need to disconnect and find a new tie-off points while ascending or descending from a tower or ladder.



➔ VERTICAL LIFELINE SYSTEM

USP-1000



IS 3521: PART 4:2021



CM/L 8700166313



VERTICAL LIFELINE SYSTEM

UFS Vertical lifeline system is an integrated solution to assist the fall of a user who has to constantly move up and down a ladder. It consists of a vertical anchorage line made of stainless steel wire rope, installed on a ladder using an appropriate mounting bracket at the top to two ladder rungs.

A stainless steel rope grab moves up & down and connected to this rope grab with the help of a carabiner. A screw type mechanical tensioner is provided at the end of the anchorage line at the bottom, connecting to the lower mounting bracket to maintain the tension & rigidity in the anchorage line.

Intermediates are provided at intervals to prevent the anchorage line from mechanical movement and wind pressure. One stainless steel plate is used to fasten the system structure at the time of installation, the relevant detail and revalidation details are provided on the plate by a number punched. The system also has an inspection plate which is installed on rung of the ladder for the identification, traceability and maintenance of inspection records.

It is easy and simple to install the system with minimum effort for installation. Connection of the wire rope at the 2 ends to the extremity a tensioner, making the installation simple, easy and avoid use of specialized machinery.

➔ VERTICAL LIFELINE SYSTEM

USP-1000



USP-1000 Vertical Lifeline

- System is made of SS 316 Grade Stainless Steel.
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

System Components

- VL-40T Top Anchorage Bracket
- VL-40B Bottom Anchorage Bracket
- VL-65 Tensioner
- VL-60 Intermediate Bracket
- VL-30(XXXX) Wire Rope
- VL-51 Thimble + U Clip
- VL-52 Wire Joiner

Note : System must be used only with VL-50 Rope Grab

Length : From 3mt to desired length

Conforms to : EN 353-1:2014

VL-53(PT)

WIRE ROPE GRAB (PASS THROUGH) WITH SHOCK ABSORBER

- Made of 316 Stainless Steel.
- It is secured with a USP-H7 carabiner. Use of non-authorized carabiner can cause fatal accidents.
- The user is free to climb and descend with full use of the hands.

➔ **VERTICAL LIFELINE SYSTEM**

USP-1000A



USP-1000A

Vertical Lifeline with Extended Top Bracket

- System is made of SS 316 Grade Stainless Steel.
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

System Components

- VL-41T Extended Top Anchorage Bracket
- VL-40B Bottom Anchorage Bracket
- VL-65 Tensioner
- VL-60 Intermediate Bracket
- VL-30(XXXX) Wire Rope
- VL-51 Thimble + U Clip
- VL-52 Wire Jointer

Note : System must be used only with VL-50 Rope Grab

Length : From 3mt to desired length

Conforms to : EN 353-1:2014

VL-53(PT)

**WIRE ROPE GRAB (PASS THROUGH)
WITH SHOCK ABSORBER**

- Made of 316 Stainless Steel.
- It is secured with a USP-H7 carabiner. Use of non-authorized carabiner can cause fatal accidents.
- The user is free to climb and descend with full use of the hands.

VL-41T

EXTENDED TOP ANCHORAGE BRACKET

- Made of 316 grade stainless steel or Hot Dip Galvanized Steel.
- Integrated with the top bracket.
- **Conforms to :** EN 353-1:2014

➔ VERTICAL LIFELINE SYSTEM COMPONENT

USP-1000



VL-40T
Top Anchorage Bracket

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-40B
Bottom Anchorage Bracket

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-30 (XXXX)
Wire Rope

- **Material** : Stainless Steel 316.
- **Diameter** : 8mm
- **Construction** : 7X19



VL-52
Wire Joints

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-60
Intermediate Bracket

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish
- Installed at every 10mtr.



VL-65
Tensioner

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-51
Thimble + U Clip

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish

➔ VERTICAL LIFELINE SYSTEM

USP-2000



USP-2000

Vertical Lifeline with Integrated Shock Absorber

- System is made of SS 316 Grade Stainless Steel.
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

System Components

- VL-42T Top Anchorage Bracket for Shock Absorber
- VL-40B Bottom Anchorage Bracket
- VL-70 Shock Absorber
- VL-65 Tensioner
- VL-60 Intermediate Bracket
- VL-30(XXXX) Wire Rope
- VL-51 Thimble + U Clip

Note : System must be used only with VL-50A Rope Grab

Length : From 3mt to desired length

Conforms to : EN 353-1:2014

VL-53(PT)

WIRE ROPE GRAB (PASS THROUGH)

- Made of 316 Stainless Steel.
- It is secured with a USP-H7 carabiner. Use of non-authorized carabiner can cause fatal accidents.
- The user is free to climb and descend with full use of the hands.

➔ **VERTICAL LIFELINE SYSTEM**

USP-2000A



USP-2000A

Vertical Lifeline with Extended Top Bracket (Shock Absorber Integrated)

- System is made of SS 316 Grade Stainless Steel.
- Brackets are designed for ladder rungs but can be easily adapted to most structures.
- Sold as complete system.

System Components

- VL-43T Extended Top Anchorage Bracket for Shock Absorber
- VL-40B Bottom Anchorage Bracket
- VL-70 Shock Absorber
- VL-65 Tensioner
- VL-60 Intermediate Bracket
- VL-30 Wire Rope
- VL-51 Thimble + U Clip

Note : System must be used only with VL-50A Rope Grab

Length : From 3mt to desired length

Conforms to : EN 353-1:2014

VL-53(PT)

WIRE ROPE GRAB (PASS THROUGH)

- Made of 316 Stainless Steel.
- It is secured with a USP-H7 carabiner. Use of non-authorized carabiner can cause fatal accidents.
- The user is free to climb and descend with full use of the hands.

VL-43T

Extended Top Anchorage Bracket For Shock Absorber

- Made of 316 grade stainless steel or Hot Dip Galvanized Steel.
- Integrated with the top bracket.
- **Conforms to :** EN 353-1:2014

➔ VERTICAL LIFELINE SYSTEM COMPONENT

USP-2000



VL-52

Wire Jointer

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-42T

Top Anchorage Bracket For Shock Absorber

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-40B

Bottom Anchorage Bracket

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-70

SHOCK ABSORBER

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-60

Intermediate Bracket

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish
- Installed at every 10mtr.



VL-65

Tensioner

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish



VL-30 (XXXX)

Wire Rope

- **Material** : Stainless Steel 316.
- **Diameter** : 8mm
- **Construction** : 7X19



VL-51

Thimble + U Clip

- **Material** : 316 Grade Stainless Steel
- **Finish** : Electro Polish

➔ **VERTICAL LIFELINE SYSTEM**

USP-5000



VERTICAL LIFELINE SYSTEM

On Rigid Aluminium Rail

This vertical fall arrest anchorage system is an integrated fall arrest solution made of an Aluminum Alloy Guide Vertical Rail over which glides a Guided- Type Fall Arrest Trolley.

Compliance to EN353-1:2014

The line is constructed by attaching the aluminum rail Intermediate of length 3mts. In series using a junction to connect them to each other, and Rung Clamps to affix them to the ladder rungs. The trolley moves up and down on the line accompanying the user who is connected to it with an Auto- locking steel Carabiner.

In the event of a fall, the trolley which is inbuilt with shock Absorption feature, immediately locks over the rail, thus arresting the fall. Also, while not in use, the uni-directional locking system of the Trolley prevents it from sliding down on its own.

The Rail comes with an Extension Arm that curves at the Ladder-end over the working platform. This allows the climbers to be connected with the trolley even at the Ladder termination, ensuring complete safety.

The bottom most section is the Aluminum Rail Extremity which is equipped at the end with a lock that prevents the trolley from moving out the rail.

The system also has an inspections Name Plate which is installed on the first rung of the ladder for identification, traceability and maintenance of inspection records.

This system can be used on telecommunication towers, radio and TV masts, power supply and hydroelectric installation, wind power facilities, construction chimney and industrial plants, building and facades, crane installations, shaft and manholes, aircraft hangar and for loading/unloading of trains and vehicles, petrochemical plant, onshore and off shore oil rigs ship building.

Compliance to : EN 353-1:2014

➔ **VERTICAL LIFELINE SYSTEM COMPONENT**

USP-5000

(On Rigid Aluminium Rail)



**Aluminium Rail Intermediate
USP-5000 (01)**

- **Material** : Extruded Aluminium Alloy
- **Length** : 3.0m
- **Finish** : Anodized



**Aluminium Rail Extremity
USP-5000 (02)**

- **Material** : Extruded Aluminium Alloy
- **Length** : 3.0m
- **Finish** : Anodized



**Alu Extension
USP-5000 (11)**

- **Material** : Extruded Aluminium Alloy
- **Length** : 3.5m
- **Finish** : Anodized



**Junction Clamp
USP-5000 (04)**

- Used to connect two rails together
- **Material** : Stainless Steel 316
- **Finish** : Electro Polish



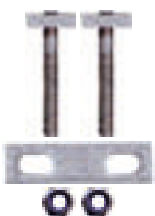
**Locking Zip
USP-5000 (05)**

- **Material** : Stainless Steel (316)
- **Finish** : Electro Polish



**Vertical Trolley
USP-5000 (06)**

- **Material** : Stainless Steel (316) Trolley with Brass wheel which provide frictionless movement.
- Anti inversion pin with Carabiner H6 CP
- **Finish** : Electro polish



**Rung Clamp
USP-5000 (10)**

- **Material** : Stainless Steel (316)
- Helps to clamp the system onto the underlying ladder
- **Finish** : Electro Polish



Inspection plate

➔ **VERTICAL LIFELINE SYSTEM
USP-6000**



Vertical Lifeline System

On Rigid Aluminium with Ladder Rungs

This is a complete Fall Protection Ladder System which consists of Hot dipped galvanized Steel Ladder Rungs over which is fixed the Vertical Anchorage Rail made of Aluminum Alloy. This system is an ideal choice for use where there are no pre-fabricated ladders or climbing structures available for climbing and can be fitted over various structures using different types of fasteners.

Compliance to EN353-1:2014

The Rungs of the Ladder, made of Galvanized Steel, are fitted at a suitable distance from the underlying structure/profile to allow enough foot space. The rungs also have a grooved surface that allows a slip-free grip while climbing. The Aluminum Anchorage Rail fitted on to the center of the Rungs of the ladder is smooth and allows the Guided type Fall-Arrest Trolley to glide effortlessly over its length. This trolley moves up and down accompanying the user who is connected to it with the help of an Auto-locking Carabiner. The Trolley is made of Stainless Steel and has wheels made of Brass, making the system highly corrosion resistant and extremely smooth in working.

In an unlikely event of a fall, the trolley immediately locks over the Rail, thus arresting the fall. Also, while not in use, the Unidirectional locking system of the Trolley does not allow it to fall freely down the Rail.

The system comes with an Extension Arm that curves at the Ladder-end over the working platform. This allows the climbers to be connected with the trolley even at the Ladder termination, providing additional safety.

The bottom most section is the Aluminum Rail Extremity which is equipped at the end with a lock that prevents the trolley from moving out of the rail.

This system can be used on telecommunications towers, radio and TV masts, power supply and hydroelectric installations, wind power facilities, construction, chimney and industrial plants, buildings and facades, crane installations, shafts and manholes, aircraft hangars and for loading/ unloading of trains and vehicles, petrochemical plants, on-shore and off-shore oil rigs, ship-building.

Compliance to : EN 353-1:2014

➔ VERTICAL LIFELINE SYSTEM COMPONENT

USP-6000

(On Rigid Aluminium Rail with Ladder Rungs)



**Aluminium Rail Intermediate
USP-5000 (01)**

- **Material** : Extruded Aluminium Alloy
- **Length** : 3.0m
- **Finish** : Anodized



**Aluminium Rail Extremity
USP-5000 (02)**

- **Material** : Extruded Aluminium Alloy
- **Length** : 3.0m
- **Finish** : Anodized



**Vertical Trolley
USP-5000 (06)**

- **Material** : Stainless Steel (316) Trolley with Brass wheel which provide frictionless movement.
- Anti inversion pin with Carabiner H6 CP
- **Finish** : Electro polish



**Junction Clamp
USP-5000 (04)**

- Used to connect two rails together
- **Material** : Stainless Steel 316
- **Finish** : Electro Polish



**Locking Zip
USP-5000 (05)**

- **Material** : Stainless Steel (316)
- **Finish** : Electro Polish

➔ **VERTICAL LIFELINE SYSTEM COMPONENT**

USP-6000

(On Rigid Aluminium Rail with Ladder Rungs)



Stainless Steel Ceiling Mounting Bracket USP-5000 (07)

- **Material** : Alloy Steel
- Help to clamp the system onto the wall.
- **Finish** : Electro Polish

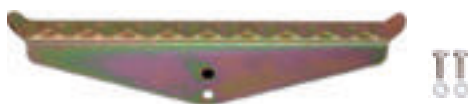


Stainless Steel Mounting Nut USP-5000 (08)

- To connect the rail to the mounting bracket
- **Material** : Stainless Steel (316).
- **Finish** : Electro Polish



Inspection plate



Full Ladder Rung Assembly USP-5000 (03)

- **Ladder Rung Material** : : Carbon Steel
- **Finish** : Hot dip galvanized, Zinc Plated, ED Coated



Half Ladder Rung Assembly USP-5000 (09)L / USP-5000 (09)R

- **Ladder Rung Material** : : Carbon Steel
- **Finish** : Hot dip galvanized, Zinc Plated, ED Coated



HORIZONTAL LIFELINE SYSTEM

The UFS manufactures horizontal lifeline systems which provides permanent anchorage to user who has to move along continuously on a Horizontal track.

EN & ISI Certified

IS 3521: PART 8:2021



CM/L 8700167020

UFS[®]
PROTECTS
always protecting



➔ **HORIZONTAL LIFELINE SYSTEM**
USP-11000 (Over The Roof)



UFS Horizontal Lifeline provide permanent anchorage to a user who has to constantly move along in horizontal track. It is attached with 08 MM SS 316 wire rope all along the horizontal track it is installed at the ends using roof top anchor post Extremity. Roof top intermediate post hold the wire rope in position all along the length of life line.

Intermediates are installed at an interval of 5 to 15Mtr. distance. Wire rope maintains the tension with the help of tensioner at one end and has a Swag less termination on the other end.

Stainless steel Horizontal skater connects the user to the life line with the help of a lanyard and runs smoothly without any interruption along the entire length of the Horizontal life line and also through the intermediate post its ensuring 100% anchorage of the user at all time.

The Lifeline also has a Shock absorber at one end which reduces the impact on the user as well as on the extreme ends of the system is versatile and it can be easily installed on any building roof. reduces the impact on the user as well as on the extreme ends of the system The system is versatile and it can be easily installed on any building roof.



Conforms to
EN 795:2012 Type C,
TS 16415:2013

➔ HORIZONTAL LIFELINE SYSTEM COMPONENT



IS 3521: PART 8:2021



CM/L 8700167020

USP-11000 (Over The Roof)



Tensioner (Swageless)
USP-11000 (02)

- Regulates tensioning of the cable
- **Material:** Stainless Steel 316
- **Feature:** Swageless termination
- **Finish:** Electro Polish



Tensioner (Swage)
USP-11000 (09)

- Regulates tensioning of the cable
- **Material:** Stainless Steel 316
- **Feature:** Swaged termination
- **Finish:** Electro Polish



Shock Absorber
USP-11000 (05)

- **Material:** Stainless Steel 316
- **Feature:** Absorb the Shock when fall occurs
- **Finish:** Electro Polish



Shock Absorber
USP-11000 (05) E

- **Material:** Stainless Steel 316
- **Feature:** Absorb the Shock when fall occurs
- **Finish:** Electro Polish



Horizontal Skater (Eco)
USP-11000 (01)E

- **Material:** Stainless Steel 316
- **Feature:** Friction Free Movement
- **Finish:** Electro Polish

➔ **HORIZONTAL LIFELINE SYSTEM COMPONENT**



IS 3521: PART 8:2021



CM/L 8700167020

USP-11000 (Over The Roof)



**Intermediate
USP-11000(06) R**

- **Material:** Stainless Steel 316
- **Feature:** Guide and support wire rope with deferent Angle
- **Finish:** Electro Polish



**Intermediate
USP-11000(06) E**

- **Material:** Stainless Steel 316
- **Feature:** Guide and support wire rope
- **Finish:** Electro Polish



**Cable Extremity (Swageless)
USP-11000 (07)**

Allow crimping of the cable wire at the desired length, and eliminates danger of any loose wire.

- **Material:** Stainless Steel 316
- **Feature:** Swageless Termination
- **Finish:** Electro Polish



**Cable Extremity (Swage)
USP-11000 (10)**

Allow crimping of the cable wire at the desired length, and eliminates danger of any loose wire.

- **Material:** Stainless Steel 316
- **Feature:** Swaged Termination
- **Finish:** Electro Polish



**Wire Rope
VL-30 (XXXX)**

- **Material:** Stainless Steel 316
- **Diameter:** 8mm
- **Construction:** 7x19

➔ **HORIZONTAL LIFELINE SYSTEM**

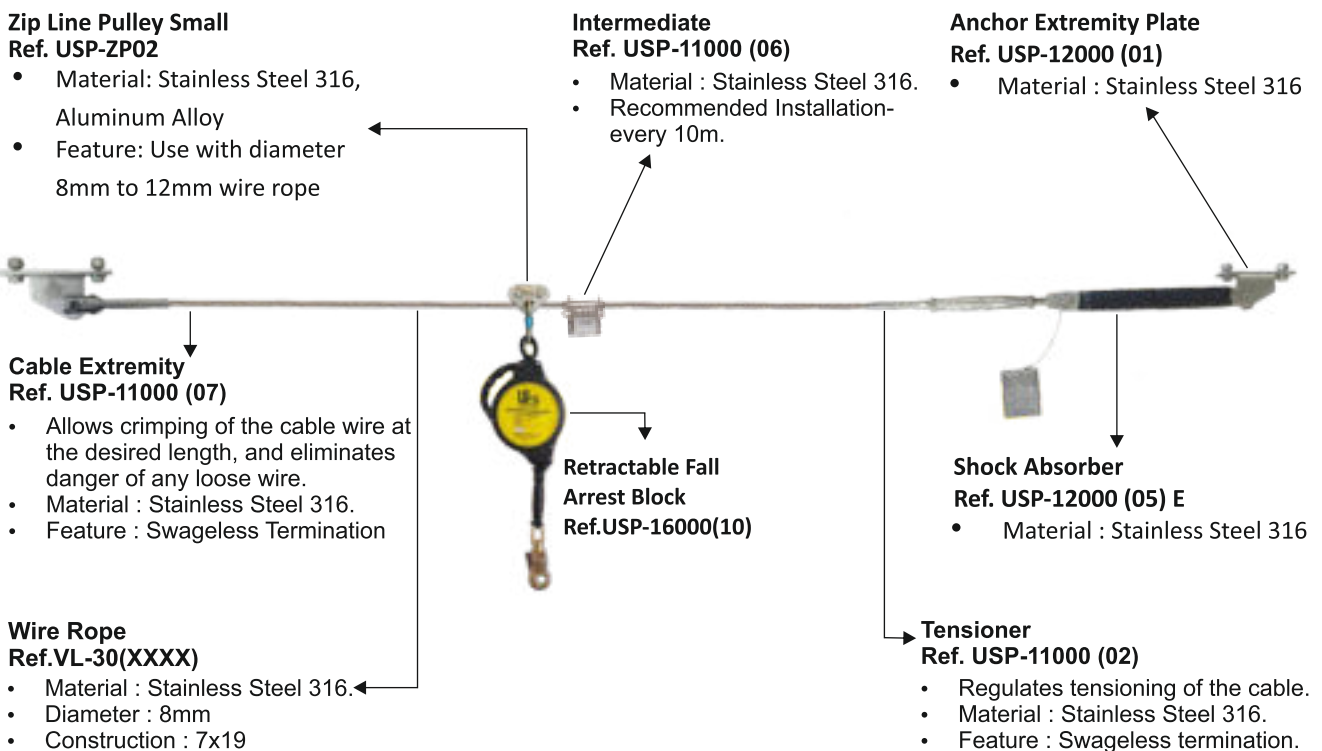


USP-12000 (Over The Head)

UFS Horizontal Life Line System provide a permanent anchorage to a user who has to constantly move along in horizontal track. It is attached with 08 mm SS 316 wire rope all along the horizontal track. It is installed at the ends using anchor extremity plate. Intermediate post hold the wire rope in position all along the length of life line.

Install the Intermediate post at a 5 to 15 mtrs. of interval. Wire rope maintain the tension with the help of tensioner at one end and other end has a Swageless / Swage termination on to the eye of anchor extremity plate. Stainless Steel Horizontal skater connects the user to the life line with the help of lanyard & run smoothly without any interruption along the entire length of the Horizontal life line & also through the intermediate post its ensuring 100% anchorage of the user at all time.

The line has a Shock Absorber at one end & its reduces the impact of fall on both the user & also at the extreme ends system has an inspection tag for identification maintenance & tractability. The system is versatile & it can install on floor, wall, ceiling.



➔ HORIZONTAL LIFELINE SYSTEM COMPONENT



IS 3521: PART 8:2021



CM/L 8700167020

USP-12000 (Over The Head)



Tensioner (Swage)
USP-11000 (09)

Regulates tensioning of the cable

- **Material:** Stainless Steel 316
- **Feature:** Swaged Termination
- **Finish:** Electro Polish



Tensioner (Swageless)
USP-11000 (02)

Regulates tensioning of the cable

- **Material:** Stainless Steel 316
- **Feature:** Swageless Termination
- **Finish:** Electro Polish



Anchor Extremitiy Plate
USP-12000 (01)

- **Material:** Stainless Steel 316
- **Maximum Load:** 40kN
- **Feature:** Provide the Anchorage Point for Lifeline
- **Finish:** Electro Polish



Shock Absorber
USP-11000 (05)

- **Material:** Stainless Steel 316
- **Feature:** Absorb the Shock when fall occurs
- **Finish:** Electro Polish



Shock Absorber
USP-11000 (05)E

- **Material:** Stainless Steel 316
- **Feature:** Absorb the Shock when fall occurs
- **Finish:** Electro Polish

➔ **HORIZONTAL LIFELINE SYSTEM COMPONENT**



IS 3521: PART 8:2021



CM/L 8700167020

USP-12000 (Over The Head)



Intermediate
USP-11000(06) R

- **Material:** Stainless Steel 316
- **Feature:** Guide and support wire rope with different Angle
- **Finish:** Electro Polish



Intermediate
USP-11000(06) E

- **Material:** Stainless Steel 316
- **Feature:** Guide and support wire rope
- **Finish:** Electro Polish



Cable Extremity (Swageless)
USP-11000 (07)

Allow crimping of the cable wire at the desired length, and eliminates danger of any loose wire.

- **Material:** Stainless Steel 316
- **Feature:** Swageless Termination
- **Finish:** Electro Polish



Cable Extremity (Swage)
USP-11000 (10)

Allow crimping of the cable wire at the desired length, and eliminates danger of any loose wire.

- **Material:** Stainless Steel 316
- **Feature:** Swaged Termination
- **Finish:** Electro Polish

➔ **HORIZONTAL LIFELINE SYSTEM COMPONENT**



IS 3521: PART 8:2021



CM/L 8700167020

USP-12000 (Over The Head)



**Horizontal Skater
USP-11000 (01)**

- **Material:** Stainless Steel 316
- **Feature:** Friction Free Movement
- **Finish:** Electro Polish



**Zip Line Pulley Big
USP-ZP01**

- **Material:** Stainless Steel 316, Aluminum Alloy
- **Min.Breaking Load:** 30kN
- **Net Weight:** 700gm
- **Feature:** Use with diameter 8mm to 12mm wire rope
- **Finish:** Electro Polish, Anodized



**Wire Rope
VL-30 (XXXX)**

- **Material:** Stainless Steel 316
- **Diameter:** 8mm
- **Construction:** 7x19



**Zip Line Pulley Small
USP-ZP02**

- **Material:** Stainless Steel 316, Aluminum Alloy
- **Min.Breaking Load:** 30kN
- **Net Weight:** 304gm
- **Feature:** Use with diameter 8mm to 12mm wire rope
- **Finish:** Electro Polish, Anodized

ANCHORAGE

CE



Fixed Anchor - Type A



Corner Bracket

STEEL ANCHOR



➔ FIXED ANCHOR - TYPE A

UFS introduces the Fixed anchor, specifically designed to be fix on walls, Ceilings, Roof Tops, or Steel Structures.

The Anchorage provided by its eye-bolt has been tested to withstand the required load of 23kN from all the 3 axis, and hence provides the highest level of safety.



USP-FA01

Fixed Anchor

- Can be used with Chemical as well as Mechanical Nut bolt fastener in pre-defined hole of dia 11mm through a drilling depth of 95mm.
- **Material** : Stainless Steel 316
- **Finish** : Electro Polished
- **Weight** : 99.6 gm
- **Breaking Strength** : 23 kN
- **Compliance To** : EN 795 : 2012 Type A



USP-FA02

Fixed Anchor

- Can be used with Chemical as well as Mechanical Nut bolt fastener in pre-defined hole of dia 11mm through a drilling depth of 95mm.
- **Material** : Stainless Steel 316
- **Finish** : Electro Polished
- **Weight** : 48.7 gm
- **Breaking Strength** : 23 kN
- **Compliance To** : EN 795 : 2012 Type A



USP-FA03

Fixed Anchor

- Can be used with Chemical as well as Mechanical Nut bolt fastener in pre-defined hole of dia 13mm through a drilling depth of 95mm.
- **Material** : Stainless Steel 316
- **Finish** : Electro Polished
- **Weight** : 70.5 gm
- **Breaking Strength** : 23 kN
- **Compliance To** : EN 795 : 2012 Type A

➔ **FIXED ANCHOR - TYPE A**



USP-CA01

➔ **STAINLESS STEEL CHEMICAL POINT ANCHOR**

For fastening into concrete.
Drilling dia recommended for installation-14mm and depth 110m.

Technical Snapshot					
Part Code	Material	Finish	Min.Breaking Strength	Weight	Compliance to
USP-CA01	Stainless Steel 316	Electro Polished	13kN	240grm ± 5grm	EN 795:2012 Type A

➔ **ALUMINUM FIXED ANCHOR**



USP-FA04(AL)

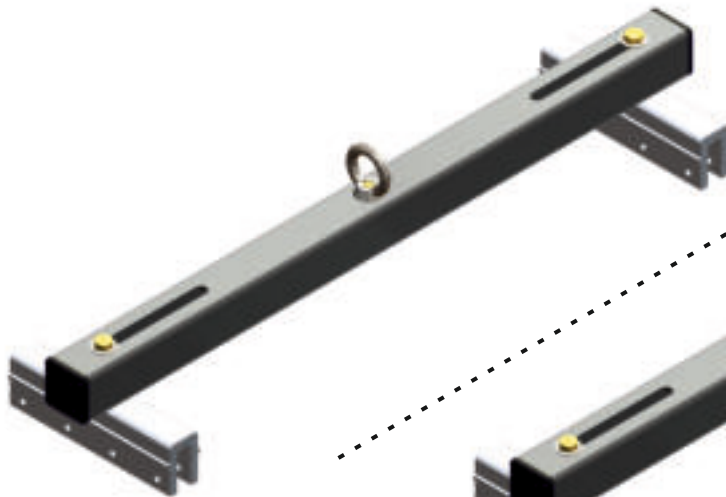
Tested to withstand the impact load in all the 3 axes, providing the highest level of safety.
Compact and highly corrosion resistant.
Can be bolted on any structure with the help of 2 screw bolts.



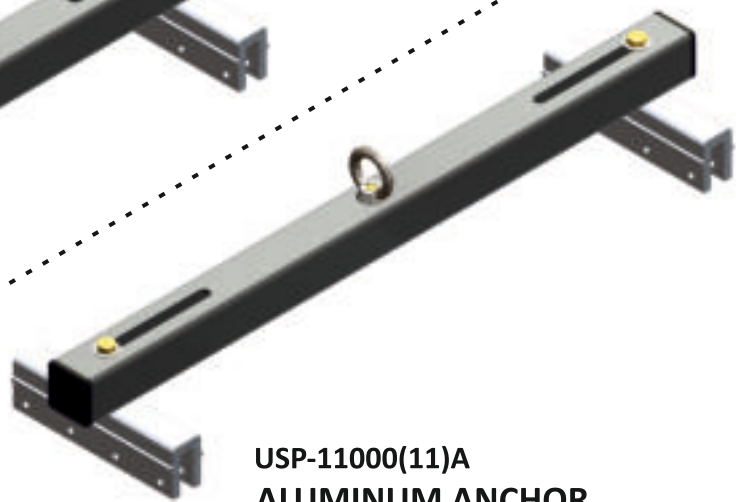
Technical Snapshot					
Part Code	Material	Finish	Width	Min. Breaking Strength	Compliance to
USP-FA04(AL)	Aluminium Alloy	ED Coated, Powder Coated	23kN	260 grm.	EN 795:2012 Type A

➔ **STEEL ANCHOR**

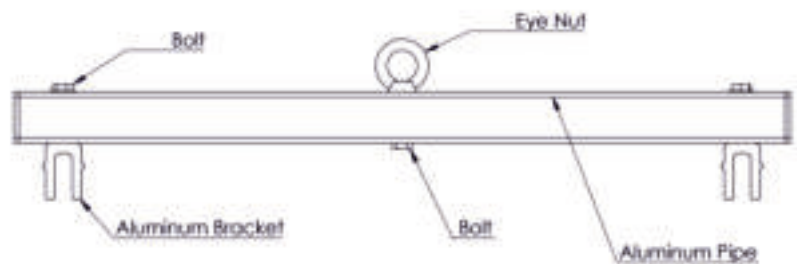
- Anchor is compressed against the seam to seam distance fixed itself between the two vertical sides.
- Made up of high strength aluminum alloy and Mild Steel.
- Light weight & portable.



USP-11000(11)
MILD STEEL



USP-11000(11)A
ALUMINUM ANCHOR

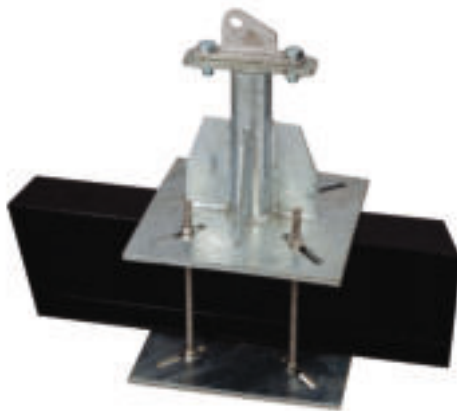


Technical Snapshot							
Part Code	Material	Finish	Minimum Opening	Maximum Opening	Min. Breaking Strength	Weight	Compliance to
USP-11000(11)	Mild Steel	Galvanized	420mm	664mm	23kN	3.0kg ± 100g	EN795:2012 TYPE-A
USP-11000(11)A	High strength aluminum alloy	Anodized	420mm	664mm	23kN	2.4kg ± 100g	EN795:2012 TYPE-A

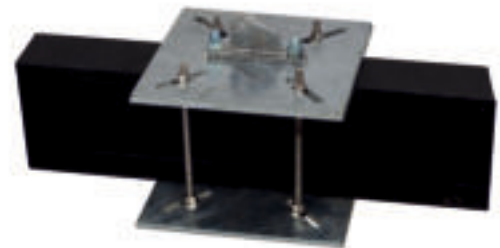
➔ **STEEL ANCHOR**

Steel anchor designed to be fixed on steel structure as well as fixed on concrete pillar, wall with the help of chemical fastener.

USP-SA01



USP-SA02



USP-SA03



USP-SA04



Minimum Flange Width	100mm
Maximum Flange Width	200mm
Material	Stainless steel SS 316 and galvanized steel.
Minimum Breaking Strength	23kN
Compliance to	En795 : 2012 Type - A TS16415 : 2013

➔ **STEEL ANCHOR**



**PROFILE SHEET END ANCHOR POST
USP-11000(08)A**

This extremity allows the horizontal lifeline to be fixed on galvolume or trapezoidal roof tops. It is installed at the end of the horizontal life lines making the post adjustable and allowing installation on roof sheets having different pitch or rib.



**PROFILE SHEET INTERMEDIATE POST
USP-11000(08)B**

This extremity allows the horizontal lifeline to be fixed on trapezoidal roof tops. It is installed as intermediates of the horizontal life lines making the post adjustable and allowing the installation on roof sheets having different pitch or rib.



**PROFILE SHEET END ANCHOR POST(ECO)
USP-11000(08)EA**

The width of the base of this Post extremity has an adjustable opening allowing to adopt to any type of the roof. Series of precision cut holes allows it to fit properly on trapezoidal roofs having sheets of different pitch/rib. Along with this, an anchorage eye provides universal connection and can be used as an anchorage point.



**PROFILE SHEET INTERMEDIATE POST (ECO)
USP-11000(08)EB**

This Intermediate Post is installed as Intermediate on horizontal lifelines to be fixed on trapezoidal roof tops. Series of precision cut holes on the base plate allows it to fit properly on trapezoidal roofs having sheets of different pitch/rib.

Technical Snapshot				
Part Code	Material	Finish	Min. Breaking Strength	Conforms to
USP-11000(08)A	SS Grade 316	Electro Polished	23kN	EN795:2012 TYPE-A, TS16415:2013
USP-11000(08)B				
USP-11000(08)EA				
USP-11000(08)EB				

➔ **STEEL ANCHOR**



**STANDING SEAM END ANCHOR POST
USP-11000(08)C**

This extremity allows the horizontal lifeline to be fixed on standing seam roof tops. It is installed at the end of the horizontal life lines making the post adjustable and allowing installation on roof sheets having different seam distances. This extremity can easily handle a distance of 150mm to 350mm.



**STANDING SEAM INTERMEDIATE POST
USP-11000(08)D**

This intermediate post allows the horizontal lifeline to be fixed on standing seam roof tops. It is installed as intermediate on the horizontal life lines making the post adjustable and allowing installation on roof sheets having different seam distances. This extremity can easily handle a distance of 150mm to 350mm.



**STANDING SEAM END ANCHOR POST(ECO)
USP-11000(08)EC**

This extremity allows the horizontal lifeline to be fixed on standing seam roof tops. It is installed at the end of the horizontal life lines making the post adjustable and allowing installation on roof sheets having different seam distances. This extremity can easily handle a distance of 250mm to 350mm.



**STANDING SEAM INTERMEDIATE POST(ECO)
USP-11000(08)ED**

This intermediate post allows the horizontal lifeline to be fixed on standing seam roof tops. It is installed as intermediate on the horizontal life lines making the post adjustable and allowing installation on roof sheets having different seam distances.

Technical Snapshot

Part Code	Material	Finish	Min. Breaking Strength	Conforms to
USP-11000(08)C	SS Grade 316	Electro Polished	23kN	EN795:2012 TYPE-A, TS16415:2013
USP-11000(08)D				
USP-11000(08)EC				
USP-11000(08)ED				

➔ CORNER BRACKET



**PROFILE SHEET CORNER POST(ECO)
USP-11000(03)EA**

This Post allows the horizontal life line systems to be installed at a curve of 90° on a trapezoidal roof. Series of precision cut holes on the base plate allows it to fit properly on trapezoidal roofs having sheets of different pitch/rib.



**STANDING SEAM CORNER POST(ECO)
USP-11000(03)EB**

This Post allows the horizontal life line systems to be installed at a curve of 90° on a standing seam roof. Series of precision cut holes on the base plate allows it to fit properly on a standing seam roof having a distance between 250mm to 350mm.

Technical Snapshot				
Part Code	Material	Finish	Min. Breaking Strength	Conforms to
USP-11000(03)EA	SS Grade 316	Electro Polished	23 kN	EN795:2012 TYPE-A, TS16415:2013
USP-11000(03)EB				

➔ CORNER BRACKET



**PROFILE SHEET CORNER POST
USP-11000(03)A**

This Post allows the horizontal life line systems to be installed at a curve of 90° on a trapezoidal roof. Series of precision cut holes on the base plate allows it to fit properly on trapezoidal roofs having sheets of different pitch/rib.



**STANDING SEAM CORNER POST
USP-11000(03)B**

This Post allows the horizontal life line systems to be installed at a curve of 90° on a standing seam roof. Series of precision cut holes on the base plate allows it to fit properly on a standing seam roof having a distance between 250mm to 350mm.

Technical Snapshot				
Part Code	Material	Finish	Min. Breaking Strength	Conforms to
USP-11000(03)A	SS Grade 316	Electro Polished	23 kN	EN795:2012 TYPE-A, TS16415:2013
USP-11000(03)B				

➔ CORNER BRACKET



USP-12000(03)A
External Corner Brackets

USP-12000(03)A

Corner Brackets are used to install on external bend for a wall mounted lifeline.



USP-12000(03)B
Internal Corner Brackets

USP-12000(03)B

Corner Brackets are used to install on internal bend for a wall mounted lifeline

Technical Snapshot				
Part Code	Material	Finish	Min. Breaking Strength	Conforms to
USP-12000(03)A	SS Grade 316	Electro Polished	15kN	EN795:2012 TYPE-A, TS16415:2013
USP-12000(03)B			15kN	

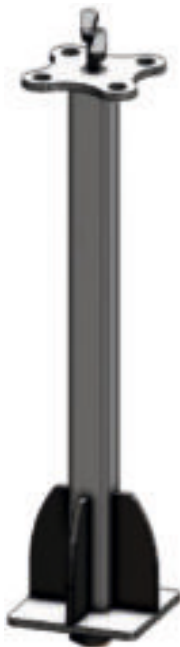
➔ **PORTABLE ANCHOR POST**



USP-AP-03

The UFS Protects Clamp-Type Anchor Post is a durable, portable connector for steel I-beams, offering a secure, adjustable anchorage point for fall-arrest systems without drilling or welding. Its versatile design makes it suitable for temporary or permanent fall-protection use in construction, industrial maintenance, infrastructure, and heavy engineering.

➔ **CONTAINERS POST**



USP-CP-01

The container anchor post is built to serve as a temporary anchorage point for work on top of 20-40 ft shipping containers. It can function as a single anchor or be used to set up a horizontal lifeline as needed. A side-lock and tagline system allows quick, secure, one-person installation. The anchor plate includes four connection holes, while the side handle with a textured grip supports easy carrying and safe transport. The unit can be removed effortlessly without causing any damage to the container.

Technical Snapshot

Part Code	Material	Finish	System Strength
USP-AP-03	High-Strength Aluminium	ED Coated Black	1.2m or as requested
USP-CP-01	Alloy Steel		5000lbs. (2268kg)

➔ BEAM ROLLER

GENERAL FEATURES

UFS Beam Roller, provides a movable anchorage point using the length of the beam on which is mounted to move along with the user. This type of Beam Roller continuous safe anchorage by allowing the anchor point to travel across the length of the beam, along with the user. Anchorage is provided by a steel D-Ring attached to the Roller-bar. It is Highly corrosion resistant, easy to install. Roller provide extremely smooth movement (Because of its bearing) of beam, over which is mounted.



USP-BR01



USP-BR02

Fitted on the flange of an I-Beam:

The Flanges are adjustable, width 80mm to 360mm
Beam Roller designed to be temporary install on a horizontal beam.
Dimension: 420mm X 125mm X 125mm (±05mm)

➔ BEAM ANCHOR

GENERAL FEATURES

UFS Beam Anchor, is a temporary transportable anchor device, and it provides an anchorage point while being attached safely on a beam, Without penetrating the beam. Anchorage is provided by a steel D-Ring attached to the Anchor-bar. It is Highly corrosion resistant, easy to install.



USP-BA01



USP-BA02

Fitted on the flange of an I-Beam:

The Flanges are adjustable, width 80mm to 360mm
Beam Anchor designed to be temporary install on a horizontal beam.
Dimension: 420mm X 40mm X 100mm (±05mm)

Technical Snapshot

Part Code	Material	Finish	Min. Breaking Strength	Weight	Compliance to
USP-BR01	SS Grade 316	Electro Polished	23kN	4.2kg ± 100grm	EN 795:2012
USP-BR02				4.3kg ± 50grm	
USP-BA01	SS Grade 316	Electro Polished	23kN	2.3kg ± 100grm	EN 795:2012
USP-BA02				2.4kg ± 50grm	

➔ **DOOR & WINDOW ANCHOR**



USP-DWA-01

DOOR & WINDOW ANCHOR

- DOOR AND WINDOW anchor is compressed against the door or window frame fixed itself between the two vertical sides.
- Made up of high strength aluminum alloy.
- Light weight & portable.

Technical Snapshot

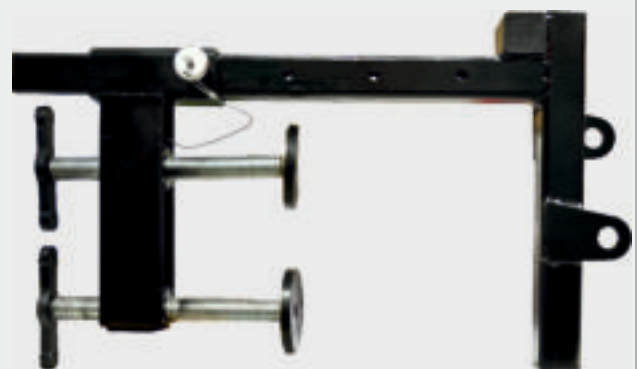
Part Code	Material	Finish	Min. Breaking Strength	Min. & Max. Opening	Weight	Compliance to
USP-DWA-01	High strength aluminum alloy	Anodized	23 kN	500mm - 1100mm	6.1kg ± 100g	EN795:2012 TYPE-B

➔ **PARAPET ANCHOR WITH EXTENDED MOVABLE ARM**

Provides a safe anchorage point on parapets and facades for use on various structures.

The soft part on the inner side of the adjustable flanges also ensures that the parapet is not damaged.

USP-PA01 consists of extended movable arm which allows installation on the parapet with mounting on outer edge.



USP-PA01

Technical Snapshot

Part Code	Material	Finish	Width	Min. Breaking Strength	Compliance to
USP-PA-01	Alloy steel with ED Coated Black	ED Coating, Zinc Galvanized	60mm to 360mm	23 kN	EN795:2012 TYPE-B



**UFS PROTECTS
WALKWAY FOR
ALL TYPE
ROOF STRUCTURE**

➔ UFS WALKWAY

USP-2500



UFS PROTECTS provides a safe, anti-slip, level walking surface for anyone who needs to access a roof in the course of their work. It provides a clear demarcation route which protects the roof from unnecessary damage and uniformly distributes the pedestrian load across its surface.

UFS PROTECTS is a modular system complying with the test requirements of EN 516:2006 (Prefabricated Accessories for Roofing – Installations for roof access – Walkways, treads and steps).

Features

- Easy to install at site.
- For providing safe walking on any roof surface.
- Available in pre-assembled lengths.
- Meets the test requirements of EN 516:2006 class 1-C (prefabricated Accessories for roofing).
- Indigenously designed
- Flexible of installation at site and can be adjusted from 0° to 50°
- Designed for all type of roofing like trapezoidal, clip on and standing seam profile.
- Fire retardant.
- Corrosion and moisture resistant material.
- It can be used along with horizontal life line systems designed for over the roof.
- 20 Year long life span

Walkway

Application	:	Provides safe walking on any Kind of roof structure.
Material of Construction (MOC)	:	SS316 Mounting Brackets
Operating temperature	:	-40° C to +60° C
Life Span	:	20 Years
Recommended Inspection Frequency	:	Annual
Complies to	:	EN 516:2006 Class 1-C

➔ **UFS WALKWAYS**

USP-2600



UFS Protects cutting-edge Aluminium Walkway System, meticulously crafted for rooftop solar power plants. Designed with precision engineering, our system prioritizes safety, stability, and accessibility for foot traffic areas, ensuring seamless operations and peace of mind.

Tailored for rooftops with an inclined surface, our Aluminium Walkway System boasts a robust structure engineered to withstand various environmental conditions. Whether it's scorching heat, heavy rainfall, or strong winds, our system remains steadfast, providing a reliable pathway for maintenance personnel and inspectors.

Safety is paramount in every aspect of our design. Equipped with an anti-skid surface, our walkway ensures a secure foothold even in challenging weather conditions. This feature significantly reduces the risk of slips and falls, safeguarding workers and minimizing potential accidents.

Aluminium Walkway System is easy to install and requires minimal maintenance, allowing for hassle-free integration into existing rooftop solar setups. Its lightweight yet durable construction offers exceptional longevity, promising years of dependable service without compromising on performance.

Features

- ✔ Customization
 - ✔ Cleaning & Maintenance of PV Panels.
 - ✔ Lightweight Design
 - ✔ Economical Installation
-
- ✦ Industrial Sheds
 - ✦ Solar Rooftop Plants
 - ✦ Facade Buildings
 - ✦ Cross Over Bridges
 - ✦ Super Structures

Technical Snapshot			
Material	Load Capacity	Finishing	Dimensions
Aluminium Alloy 6063, 6082	From 100 to 150 kg/mtr (Customizable)	Anodised between 8-10 mic / 10-15 mic / 20-25 mic	Width - 400 mm to 700 mm Length - Customizable

➔ **HANDRAIL**
USP-HR01

Aluminium Handrail can be quickly bolted and locked together using Stainless Steel fasteners. It allows the modular handrail system to achieve desired layouts site requirements. Any welding or special tools are not required for its installation. Handrail is manufactured out of Aluminium alloy, It is light in weight, strong (1/3rd weight of steel), maintenance- free,durable for 2-3 decades, and has an excellent aesthetic appearance.



Technical Snapshot			
Material	Working Load Limit	Finishing	Dimensions
Aluminium Alloy 6063, 6082	Upto 90kg (Customizable)	Anodised between 8-10 mic / 10-15 mic / 20-25 mic	Handrail height - 1100 mm Vertical post distance - 1500-2000mm

➔ **ALUMINIUM SKYLIGHT PROTECTION SYSTEM**
USP-SLP01

Aluminium Skylight fall protection covers are constructed from high strength, non-corrosive, aluminium alloy conforming to grade AA6030 T6, This is designed to prevent person from falling through the glass roof if they accidentally step, trip or fall onto a skylight, roof-light, or transparent roof sheetings, Skylight fall protection covers are a cost-effective & user-friendly solution against the hazards of skylights & transparent roofing. Aluminium Skylight protection is not meant for walking. It helps in maximum light penetration under the roof.



Technical Snapshot			
Material	Working Load Limit	Finishing	Dimensions
Aluminium Alloy 6063, 6082	Upto 90kg (Customizable)	Anodised between 8-10 mic / 10-15 mic / 20-25 mic Powder coating up to 80 mic	Customizable As Per Skylight Sheet Dimensions

PROTECTIVE MASK

We at UFS are manufacturing N95 Face Mask which is a respiratory protective device designed to achieve a very close facial fit and very efficient filtration of airborne particles.

N95 masks are special protective masks that are used to protect the wearer from contaminated, harmful air droplets and liquid which can contaminate your face. The 'N95' name means it can block approximately 95 percent of harmful air particles from entering your body via nose and mouth.



**Anti
Bacterial**



**Round Elastic For
Better Comfortability**



**Filtration
Above 95%**

USP-2500 N95

- USP 2500 face mask is made up of 5 layers of Non-woven fabric + Hot air cotton + Meltblown fabric.
- Comes with dual round elastic ear loops that fit all sizes.
- Filters out dust, germs, and particles in the air.
- Prevents the spread of influenza and other infectious respiratory diseases.
- Bacterial Filtration Efficiency $\geq 95\%$

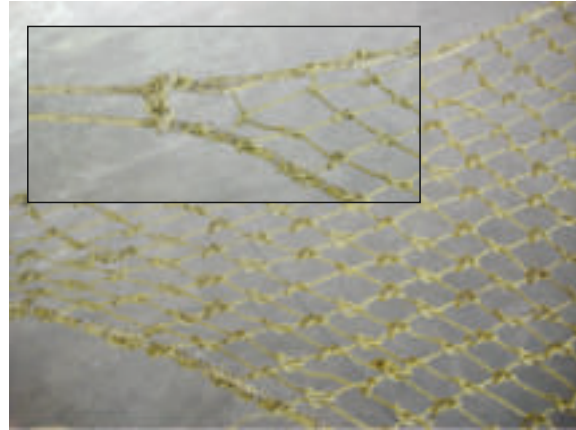
Note that the edges of the respirator are designed to form a seal around the nose and mouth.

NET & ROPE LADDER



**Polypropylene Rope Ladder
(with Wooden Rungs)**

Rungs Dia-35mm
Rope Dia - 14mm or 16mm
The top end is spliced with a thimble
The splicing is covered with Transparent Sleeve
resistant to UV degradation and attached with Hooks



Safety Net

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.

Available Standard Size

Safety Net	Mesh Size	Mesh Rope
10mx 5m	25mm	2mm Double Cord
10m x 5m	100mm	4mm
6mx 4m	100mm	4m

RESCUE & EVACUATION SYSTEM



USP BC 01 (BOSUN'S CHAIR)

Main Features

Work in suspension-Short or long periods
Rescue application
High Level of comfort

Application

Maintenance Work
Confined space work
Person Retrieval
Rapid Deployment rescue system



USP ET 01 (EVACUATION TRIANGLE)

Main Features

Easy to transport & easy application.
44mm polyester webbing Breaking strength>25KN
Contains three metallic D-Rings at attachment points.

Application

On site Rescue
Short-duration rescue



HEAD PROTECTION



WELDING PROTECTION

EAR PROTECTION



EYE PROTECTION

SAFETY SHOES



UFS SAFETY SHOES



UFS SAFETY SHOES

USP-FP01-LA

In the endeavor to ensure personal protection, UFS offers a wide range of premium grade safety shoes for all walks of work. Be it Steel Toe or Steel Mid Plate or Electrical Shoes, UFS Safety Shoes offers protection in all walk of works. UFS Shoes are highly flexible and are made of a durable synthetic material.

UFS Shoes can withstand temperatures of 100°C for 1 Minute. They can also withstand an impact of 140J as per IS-15298, Part-2. UFS's shoes are rust free and very comfortable to wear and work in.



IS : 15298



PART 3
CM/L3059354

CE 0362

EN ISO 20345:2011

UFS SAFETY SHOES

USP-FP01-LA

TYPE	: DERBY, 4 EYELETS BRASS
UPPER	: FULL GRAIN PRINTED LEATHER
OUTSOLE	: DOUBLE DENSITY MOULD PU SOLE : WITH DEEP CLEATS
INSOLE	: NONWOVEN
LINING	: PADDED SYNTHETIC
TOE	: 200 JOULE (STEEL)
SIZE	: 5/39 TO 12/46
COLOUR	: BLACK
OPTIONAL	: STEEL MID PLATE/ ELECTRICAL
APPROVEAL	: ISI/CE

IS : 15298



PART 3
CM/L3059354

CE 0362

EN ISO 20345:2011



Breathable , highly flexible, extra strong for comfort and long wearability.

Aesthetic appearance, good comfort, breathable for perspiration control.

Breathable and extra cushion for comfort.

Highly flexible/ durable synthetic material.

Dual density fully moulded PU sole, outer sole of higher density for improved abrasion/ flexing/ slip resistance, mid sole of lower density for providing exceptional comfort to feet.

The sole resistant to certain types of oils/ chemicals, can withstand temp. of 100 deg C for 1 minute.

Highly flexible and low abrasion for extra life.

Light weight / Rust free with an ability to withstand an impact of 140 J as per IS - 15298, Part-2

Soft and Tough to give cushion as well as shape and strength to the back part of the shoes.

To make the uppers strong at all the joints and inturn enhances the looks and life.

Coated to make them more appealing as well as 100 % rust free.

Double color round laces for easy grip and aesthetics.



EYE PROTECTION

UFS offers a wide range of premium quality Eye Protection. UFS range of Eye Protections ranges from Smoke / Clear Lens to Welding Glasses. The Eye wear offered by UFS has EN Certifications

WORKER'S CHOICE



Area of Usage-Construction Sites/Metal Processing Shops, etc

UFS ES 101

Meets EN 166/ANZI Z 87.1

Polycarbonate Curve Lens
Available Lens -Smoke / Clear
Clear Model - Soft Temple Tip
Hard Coated lens for Scratch Resistance
Smoke Lens provides Optimum Protection
Harmful UV radiation
Wrap around design for better coverage



Area of Usage-Construction Sites/Metal Processing Shops, etc

UFS ES 102

Meets EN 166/ANZI Z 87.1

Polycarbonate Curve Lens
Available Lens -Smoke / Clear
Nylon frame
Hard Coated lens for Scratch Resistance
Smoke Lens provides Optimum Protection
Harmful UV radiation
Adjustable Temple Length.
Additional Safety due to Temple side shields.



Area of Usage-Construction Sites/Metal Processing Shops, etc.

UFS ES 103

Meets EN 166/ANZI Z 87.1

Polycarbonate Curve Lens
Available Lens -Clear
Adjustable Temple length
Soft Nose pad
Fits over most prescription spectacles.
Temple / Side arms Tilts to provide best possible fit.



Area of Usage-Construction Sites/Metal Processing Shops, etc

UFS ES 104

Meets EN 166/EN 170 / ANZI Z 87.1

Polycarbonate Lens
Available Lens -Smoke / Clear
Hard Coated lens for Scratch Resistance
Skid proof Nose pad for extra comfort
Smoke Lens provides optimum protection
Harmful UV radiation
Safety with Fashionable look.

EXECUTIVE'S CHOICE



Area of Usage-Construction Sites/Metal Processing Shops, etc

UFS ES 105

Meets EN 166/EN 170 /ANZI Z 87.1

Polycarbonate Lens
Available Lens -Smoke
Hard Coated lens for Scratch Resistance
Smoke Lens provides Optimum Protection
Harmful UV radiation.
Safety with Fashionable look.



Area of Usage-Construction Sites/Metal Processing Shops, etc

UFS ES 106

Meets EN 166/EN 170 /ANZI Z 87.1

Polycarbonate Lens
Available Lens -Smoke
Hard Coated lens for Scratch Resistance
Skid proof Nose pad for extra comfort
Smoke Lens provides Optimum Protection
Harmful UV radiation.
Safety with Fashionable look.



EYE PROTECTION

UFS ES 107

Meets EN 166 / ANZI Z 87.1

Polycarbonate IR 5 Lens.
 Hard Coated lens for Scratch Resistance.
 Nylon Temple, Length Adjustable.
 Temple side Tilts to provide best possible fit.
 99% UV protection
 Wrap Frame design provide excellent coverage and protection.



Area of Usage- Gas Welding Operations.

WELDER'S CHOICE

UFS ES 108

WELDING

Meets EN 166 / EN 175 / ANZI Z 87.1

Polycarbonate IR 5 Exterior welding Lens.
 Polycarbonate Interior clear lens
 Hard Coated lens for Scratch Resistance.
 Flip up lens window
 Fully adjustable elastic band
 Soft PVC frame
 4 indirect ventilation caps
 99% UV protection



Area of Usage-Gas Welding Operations.

UFS ES 109

Meets EN 166/ANZI Z 87.1

Polycarbonate Lens.
 Hard coated for scratch resistant
 Soft PVC Frame.
 Adjustable Elastic Band.
 4 Ventilation caps
 Anti-fog coating on lens.



Area of Usage- Area exposed to splashes of chemicals.

CHEMICAL ENVIRONMENT USER'S CHOICE

UFS ES 110

Meets EN 166/ ANZI Z 87.1

Polycarbonate Lens
 Hard Coated lens for Scratch Resistance
 Wrap around PVC Frame for 100% sealing of eyes.
 Adjustable Elastic Band
 Ventilation slits on the top & bottom part of rim for air circulation.
 Allows the usage over Prescription spectacles.
 Anti-fog coating on lens.



Area of Usage- Area exposed to splashes of chemicals.



EYE PROTECTION

UFS ES 111

Meets EN 166/ANZI Z 87.1

- Polycarbonate Lens
- Available Lens -Clear
- Hard Coated lens for Scratch Resistance
- Skid proof Nose pad for extra comfort
- Combines Safety with Fashionable look.



Area of Usage-Industrial, Construction, Manufacturing, Lab ,etc.

UFS ES 112

Meets EN 166/ANZI Z 87.1

- Polycarbonate Lens
- Hard Coated lens for Scratch Resistance
- Anti-Fog coating on lens
- Soft foam padding frame for cushions fit
- Wrap around design.
- Quick release design to change Temple/ Elastic band.
- Adjustable Non Skin irritant Elastic band
- 99% UV Protection
- Smoke Lens provides Optimum Protection Harmful UV radiation
- Safety with Fashionable look.



PREMIUM RANGE

Area of Usage-Construction Sites/Metal Processing Shops, Warehouse, Lab, Medical, Wood working, etc



UFS offers a wide range of premium quality Ear Protection. UFS range of Ear Protections ranges from ear plugs to ear bands and Ear Muffs. The Ear Protection offered by UFS has EN Certifications.

EAR PROTECTION



UFS EP 101 (Ear Muff Regular)

Meets to EN 352-1 & ANSI S 3.1.9

SNR 27.7 dB & NRR 28 dB

Light weight extremely comfortable

Wide adjustment slot for snug & comfortable fit

Soft cushioned pads for good seal against noise.

Recommended areas:- Airports, Generators,

Agriculture, Industrial, Construction Machinery.

UFS EP 138 (Ear Muff Foldable)

Meets to EN 352-1 & ANSI S 3.19

SNR 22 dB & NRR 34 dB

Plastic head band folds for dust free storage in pocket or a bag.

Unique design offers ideal protection for high noise environment.

Soft cushioned pads for good seal against noise.

Recommended areas:- Airports, Generators,

Agriculture, Industrial, Construction Machinery.



UFS ES 187 (Ear Muff Helmet Attachable)

Meets to EN 352-3 & ANSI S 3.19

SNR 23 dB & NRR 30 dB

Easy to snap on/off from safety helmet.

The entire revertex clamp structure provides better strength and sound-insulated effect.

Soft cushioned pads for good seal against noise.

New pattern section height adjustment design.

Recommended areas:-Airports, Generators,

Agriculture, Industrial, Construction Machinery.



EAR PROTECTION



UFS EP 555 (Ear Plug Foam)

Meets to EN 352-3 & ANSI S 3.19

SNR 36 dB & NRR 31 dB

Non irritant PU foam Plug

One size fits all Ear Canal

Flexible PVC neck strings.

Suitable for protection against long term exposure to medium to medium noise level.

UFS EP 565 (Reusable Ear Plug)

Meets to EN 352-3 & ANSI S 3.19

SNR 28 dB & NRR 27 dB

Washable and reusable

One size fits all Ear Canal

Unique 4 layers cut design enhances the sound insulated effect.

Front end spatial design fits ear canal to reduce internal pressure for wear comfort.

Available in carry case for hygienic storage.

Suitable for protection against long term exposure to medium noise level.



UFS EP 570 (Ear Band)

Meets to EN 352-2 & ANSI S 3.19

SNR 19 dB & NRR 26 dB

Comfortable sucker style Silicon rubber plug.

One size fits all Ear Canal

Streamline artistic ear band design

Ideal for hearing protection in intermittent use through the day.

Suitable for protection against long term exposure to medium noise level.



SAFETY HELMET

UFS offers a wide range of premium quality Helmets for head protection. UFS offers both EN Certified and IS Certified range of Helmets in a wide range of color options.



EN 397:2012 + A1:2012



IS : 2925



CM/L9596613

**"UFS" Safety Helmet Complies to
IS:2925:1984**



HEAD PROTECTION

UFS Safety Helmet

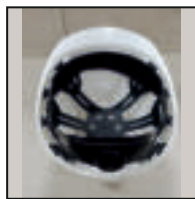
Body Material	: POLYETHYLENE
Harness Material	: POLYETHYLENE
Size	: 53-64cm
Weight	: 440 gr
Adjustment	: Manuel
EN Standards	: EN 397:2012 + A1:2012
Specifications	: MM
Certification	: SATRA 0321



SL 1470



Sweat Band



Ratchet



Inside View of Helmet



Provision for Ear Muff



UFS launches Head Protection Equipment.
"UFS" Safety Helmet with Ratchet Type Adjustment

IS : 2925



CM/L9596613

"UFS" Safety Helmet Complies to
IS:2925:1984

- Shock Absorption Test
- Penetration Test
- Electrical Resistance
- Heat Resistance
- Flammability Resistance
- Adjustable Chin Strap
- Unique Feature of Air Ventilation
- Highly absorbent Sweat Band
- Easily useable with Ear Muff & Welding Sheet



USP 1001 H



USP 1001 HR



Sweat Band



Ratchet



Inside View of Helmet



Provision for Ear Muff



Colour Range of "UFS" Series of Safety Helmets



UFS offers a wide range of premium quality face shields for welding protection. UFS also offers face shields as helmet attachments. The entire range offered by UFS is EN Certified.

WELDING PROTECTION



UFS WH 801 (face Shield)

Meets to EN 166/EN 1731 & ANSI Z 87.1

Can be fitted over all Standard Helmet with 30 mm slot.

Light Weight, Comfortable.

Suitable for Horticulture, Carpentry, Grinding, Metal Cutting etc.

UFS WH 701 (Welding Shield)

Meets to EN 175 & ANSI 87.1

Flip front window for normal viewing when operations not on. Protective lens made of clear high impact resistant polycarbonate.

Polycarbonate high impact resistant and extremely light weight shell.

IR lens Option IR 5/IR 11.

Suitable for use in a variety of work situations.



UFS WH 701 (Helmet Attachable Welding Shield)

Meets to EN 175 & ANSI 87.1

It fits in most standard helmets with 30 mm slot.

Flip front window for normal viewing when operation not ON.

Protect the wearer face and ears due to wrap around design.

Protective lens made of clear high impact resistant polycarbonate.

Polycarbonate high impact resistant and extremely light weight shell.

IR Lens Option IR 5/IR 11.

Suitable for use in a variety of work situations.







Manufacturing By

UNICARE FIRE SAFETY (INDIA) PVT. LTD.

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