



**INNOVATING IN
FALL PROTECTION**



INTRODUCTION

UFS Protects is an ISO 9001:2015 certified company, renowned globally for manufacturing high-quality Fall Protection Products and Systems. With a commitment to innovation, we produce Full Body Harnesses, Lanyards, Connectors, Retractable Blocks, Lifelines, Confined Space Equipment, and more.

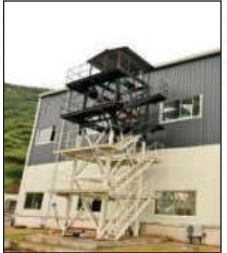
Our advanced in-house facility ensures top-quality products with stringent quality checks at every stage. Certified under international standards (ANSI, CE, UKCA, OSHA, ATEX), UFS Protects leads in Height Safety and PPE with over 300 products under its brand.

For over 29 years, we've served industries like Telecom, Oil & Gas, Solar, and Construction with trusted safety solutions. We invest in R&D to align with our mission of a Zero Accident & Injury Free World.

We prioritize safety at all levels, driven by a team dedicated to quality, innovation, and customer satisfaction.



**Manufacturing,
Testing & Quality
Control**



UT-15 FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : 44 mm Polyester Webbing.
Automatic Stitching Pattern with strength.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-15	Polyester	FA	0.800 Kg	Adjustable thigh strap.	140 kg




2-Point
Adjustment


1-Point
Attachment

UT-25 FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : 44 mm Polyester Webbing .
Automatic Stitching Pattern with strength.
Finished Webbing Ends.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-25	Polyester	FA	1.100 Kg	Adjustable thigh strap.	140 kg




3-Point
Adjustment


1-Point
Attachment

UT-26 FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : Two front textile loops for fall arrest.
44 mm Polyester Webbing.
Automatic Stitching Pattern with strength.
Finished Webbing Ends.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-26	Polyester	FA+LC	1.200 Kg	Adjustable shoulder & thigh strap.	140 kg




3-Point
Adjustment


2-Point
Attachment

UT-27

FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : 44 mm Polyester Webbing.

Automatic Stitching Pattern with strength.

Finished Webbing Ends.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-27	Polyester	FA+LC	1.300 Kg	Adjustable shoulder & thigh strap.	140 kg

UT-28

FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : 44 mm Polyester Webbing.

Automatic Stitching Pattern with strength.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-28	Polyester	FA+LC	1.340 Kg	Adjustable thigh strap.	140 kg

USP-29

FULL BODY HARNESS

CE EN361:2002

● **Attachment** : The suspension strap incorporated on the shoulder strap of the harness.

This 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.

● **Specification** : 44 mm Polyester Webbing.

One Sternal D-ring and a Dorsal attachment D-ring for fall arrest.

The extension rescue strap with top D-ring for rescue.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
USP-29	Polyester	FA+LC	1.490 Kg	Adjustable thigh strap.	140 kg

UT-52 FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : 44 mm Polyester Webbing.

Plastic adjuster on the shoulders for easy adjustment of the chest strap.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-52	Polyester	FA	1.150 Kg	Adjustable thigh strap.	140 kg



UT-52B FULL BODY HARNESS

CE EN361:2002

● **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.

● **Specification** : 44 mm Polyester Webbing.

Plastic adjuster on the shoulders for easy adjustment of the chest strap.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-52B	Polyester	FA	1.150 Kg	Adjustable thigh strap.	140 kg



UT-115 FULL BODY HARNESS

CE EN361:2002,
EN358:1999

● **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.

● **Specification** : Fully Adjustable with comfort padded waist belt.

Adjustable thigh strap.

44 mm Polyester Webbing.

Automatic Stitching Pattern with strength.

Suitable for fall arrest and work positioning.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-115	Polyester	FA+WP	1.540 Kg	Adjustable thigh strap.	140 kg



UT-125 FULL BODY HARNESS

CE EN361:2002,
EN358:1999

- **Attachment** : Metal type chest strap with easy handling.
Two lateral D-ring for work positioning.
Adjustable Dorsal high strength forged D-ring.
- **Specification** : 44 mm Polyester Webbing.
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.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-125	Polyester	FA+WP	1.720 Kg	Adjustable thigh strap with three color scheme for differentiation.	140 kg

UT-126 FULL BODY HARNESS

CE EN361:2002,
EN358:1999

- **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.
- **Specification** : 44 mm Polyester Webbing.
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.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-126	Polyester	FA+LC+LC	1.780 Kg	Adjustable thigh strap with three color scheme for differentiation.	140 kg

UT-126A FULL BODY HARNESS

CE EN361:2002,
EN358:1999

- **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.
- **Specification** : 44 mm Polyester Webbing.
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.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-126A	Polyester	FA+LC+LC	1.720 Kg	Adjustable thigh strap with three color scheme for differentiation.	140 kg

UT-160

FULL BODY HARNESS



- **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.
- **Specification** : 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.
- Automatic stitching pattern with strength.
- Metal type chest strap with easy handling.
- Finished webbing ends with web holder.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-160	Polyester	FA+WP+LC+AD	2.240 Kg	Adjustable shoulder & thigh strap.	140 kg



UT-160A

FULL BODY HARNESS



- **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.
- **Specification** : Fully adjustable with comfort padded waist belt, thigh strap and Shoulder Strap.
- Quick Release Automatic Buckles, Combination Buckles and Parachute Buckles for easy handling for the user and maximum comfort at all time
- Three colour scheme for differentiation.
- Special design & high resistant polyethylene Back Plate for holding.
- 44mm Polyester Webbing.
- Automatic stitching pattern with strength.
- Metal type chest strap with easy handling.
- Finished webbing ends with web holder.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-160A	Polyester	FA+WP+LC+AD	2.340 Kg	Adjustable shoulder & thigh strap.	140 kg



USP-JH21

FULL BODY HARNESS



- 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.

Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
USP-JH21	Polyester	FA+LC	1.75 Kg	Adjustable Chest, shoulder & thigh strap.	140 kg



TWIN LEGGED ENERGY ABSORBING LANYARD



UT-855
TWIN LEGGED ENERGY ABSORBING
LANYARD



UT-856
TWIN LEGGED ENERGY ABSORBING
LANYARD



UT-865
TWIN LEGGED ENERGY ABSORBING
LANYARD



UT-865S
TWIN LEGGED ENERGY ABSORBING
LANYARD



UT-865A
TWIN LEGGED ENERGY ABSORBING
LANYARD



UT-865T
TWIN LEGGED ENERGY ABSORBING
LANYARD

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

Part Code	Webbing Rope	Dia/Width	Attachment Type	Max. Length	Load Capacity
UT-855	Polyamide Kernmantle Rope	12mm	The Lanyard terminates at one end with a steel carabiner and steel scaffold hooks at the other ends.	2 m	140 kg
UT-856	Twisted Polyamide Rope				
UT-865	Polyester Webbing Lanyard	44mm	The Webbing Lanyard terminates at one end with a steel carabiner and steel scaffold Hooks at the other ends.		
UT-865S			The Webbing Lanyard terminates at one end with a snap Hook and steel scaffold Hooks at the other ends.		
UT-865A			The Webbing Lanyard terminates at one end with a Autolock carabiner and steel scaffold Hooks at the other ends.		
UT-865T			The Webbing Lanyard terminates at one end with a steel snap hook and steel Tower Hooks at the other ends.		



EN355:2002
EN354:2010

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

This Lanyard retracts automatically to fit the working area.

Particularly suitable for working in restricted space.



UT-835



UT-836



UT-845



UT-895

Part Code	UT-835	UT-836	UT-845	UT-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 UT H9 with Energy Absorber UT 888 and other two ends with Scaffold Hooks UT H10.	The Lanyard has one side with Steel Carabiner Hook UT H6 with Energy Absorber UT 888 and other two ends with Scaffold Hooks UT H10.	The Lanyard has both sides with Steel Carabiner UT H6.	The Lanyard has one side with Steel Carabiner UT H6 and other side with one Scaffold Hook UT 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

WORK POSITIONING LANYARD



EN358:1999



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**

Part Code	Rope	Dia/Width	Rope Grab/ Adjuster	Attachment Type	Weight	Max. Length
USP-702	Twisted Rope	10.5mm-12mm	Rope Length Adjuster USP-RLA	Steel Carabiners H6 at both the ends for attachment.	140 kg	2 m
USP-703	Polyamide Kernmantle Rope					
USP-704		10.5mm-12mm	Ring type Adjuster			

UFS Protects 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.



ANCHORAGE LINE



WITH ROPE GRAB FALL ARRESTER

USP-777A

USP-777B

USP-777C



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

KERNMANTLE ROPE ANCHORAGE LINE USP RLA (KR) 20M



Available in lengths for 05m to 50m.
Longer Lengths are also available.



TWISTED ANCHORAGE LINE USP 725(TR)

- 14mm Polyamide Twisted Rope.
- One Side Loop, other side end stop knot.
- Length- 50m, 75m, 150m
- 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.

USP-901

ANCHORAGE WEBBING SLING

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

CE EN795:2012



USP-902

ANCHORAGE WEBBING SLING

Made up of 44mm wide Polyester Webbing
Length : 0.5m, 1m, 1.5m, 2m or as requested
Having a D-ring at both the ends
Strength : Min. 18kN

CE EN795:2012



USP-902C

ANCHORAGE WEBBING SLING

Made up of 44mm wide Polyester Webbing
Length : 0.5m, 1m, 1.5m, 2m or as requested
Having a D-ring at both the ends
Strength : Min. 18kN

CE EN795:2012



USP-910

ANCHORAGE WEBBING SLING

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

CE EN566:2017



USP-920

ANCHORAGE WEBBING ROUND SLING

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

CE EN566:2017



USP-930

ANCHORAGE WEBBING SLING

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

CE EN566:2017



UT-52G FULL BODY HARNESS



Z359.11-2021 & OSHA
Regulations

UFS Protects NERO UT-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 22kN.

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

● **Specification** : 44 mm Polyester Webbing black colour with Min. Breaking Strength 22 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.



Part Code	Material	Application	Weight (kg)	Adjustable	Max Load
UT-52G	Polyester	FA+WP	1.150 Kg	Adjustable thigh strap.	140 kg

UT-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 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.



Part Code	Webbing Rope	Diameter/Width	Max. Length
UT-865G	Polyamide Kernmantle Rope	44 mm	2 m

STANDARDIZED METAL COMPONENTS

CE EN362:2004,
EN353-2:2002

Connector hardware is vital in Personal Protective Equipment. No PPE is complete without a hook or connector. UFS Protects offers a wide range of premium Snap Hooks, Carabiners, Scaffold Hooks, D-Rings, Descenders, and Ascenders. All products conform to EN Standards and meet international quality and safety requirements.



UT-H6

MANUAL CARABINER



USP-H7

AUTO-LOCK CARABINER



USP-RLA

ROPE LENGTH ADJUSTER



UT-777N

ROPE GRAB FALL ARRESTER

12-14mm Diameter of Polyamide twisted Rope



USP-RLA 02

ROPE LENGTH ADJUSTER

CE EN353-2:2002

USP-777N-R

ROPE GRAB FALL ARRESTER

12-14mm Diameter of Polyamide twisted Rope



Ø25mm



Ø50mm

Part Code	Material	Finish	Min. Breaking Load	Net Weight	Conforms to
UT -H6	Alloy Steel	Yellow Zinc, Silver Zinc Galvanized	5000 lbs/ 23 kN	150 gm.	EN 362 : 2004
USP -H7			5000 lbs/ 23 kN	150 gm.	EN 362 : 2004
USP-RLA			3600 lbs/ 16 kN	520 gm.	EN 353-2 : 2002
USP-RLA 02	High Strength Aluminium Alloy	Anodizing and ED Coating	2922.516 lbs/ 13kN	226±10g.	EN 353-2 : 2002, EN 358
UT-777N	Alloy Steel	Yellow Zinc, Silver Zinc Galvanized, ED Coating	3372 lbs/ 15 kN	913 gm.	EN 353-2 : 2002
USP-777N-R			3372 lbs/ 15 kN	500 gm.	EN 353-2 : 2002

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.

CE EN12841:2006,
EN341:2011

Installation Steps



10.5mm 12mm
Kernamental Rope



USP-SP01
SINGLE PULLEY



USP-DP01
DOUBLE PULLEY



USP -RHJ1
RIGHT/LEFT HAND JUMAR

Part Code	Material	Finish	Max Rope Size Dia /Webbing Weight	Gate Opening	Breaking Strength	Weight	Conform to
USP-SP01	Aluminium alloy cover and Pulley with Ball bearing	Anodized	13mm	-	30 kN	83.5g	EN 12278 : 2007
USP-DP01		Anodized	13mm	-	20 kN	226g	EN 12278 : 2007
USP-RHJ1	Aluminium alloy	Anodized	8mm-13mm	-	4 kN	190g	EN 567/12841:2006



USP-TL01

Single Tool Lanyard

- **Material :** 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-TL02

Double Tool Lanyard

- **Material :** 20mm Tubular Webbing, mm wide Polyester Webbing.
- Underfoot strap is abrasion resistant and is slightly rigid to make it easier to step into.
- Length easily adjuster with the combination buckles.
- **Compliance to:** EN 795: 2012.

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 Protects offers Wire Rope Retractable Fall Arrest Blocks. Made of high impact Polymer Casing which is nearly indestructible.



Tested at 136 kg

06 M

UT-16000(06)



Tested at 136 kg

10 M

UT-16000(10)



Tested at 136 kg

15 M

UT-16000(15)



Tested at 136 kg

20 M

UT-16000(20)

Also available with stainless steel wire rope

Part Code	Material of Casing	Material and Dia of Lifeline	Breaking Strength	Attached End	Anchorage End	Weight
UT-16000(06)	High Impact Strength Polymer	Galvanized Steel Wire Rope of dia 4.5 mm.	12kN	Has USP-H11 Hook with Load Indicator at attachment end.	Anchorage Eye with swivel action	3.5kg
UT-16000(10)						3.85kg
UT-16000(15)						8.4kg
UT-16000(20)						8.6kg

CE EN360:2002



Tested at 140 kg

02 M
USP-17000(02)



Tested at 140 kg

2.5 M
USP-17000(2.5)



Tested at 140 kg

3.1 M
USP-17000(3.1)



Twin Connector
USP-H13

USP-17000(02)
TWIN BLOCK

CE EN360:2002



Tested at 140 kg

06 M
USP-17000(06)



Tested at 140 kg

10 M
USP-17000(10)



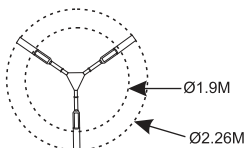
02 M
USP-18000(02)

Part Code	Material of Casing	Material and Dia of Lifeline	Breaking Strength	Attached End	Anchorage End	Weight
USP-17000(02)	High Impact Strength Polymer	Polyester Webbing 25mm	15kN	USP-H11 Snap Hook	Anchorage Eye with swivel action	1.2kg
USP-17000(2.5)						1.3kg
USP-17000(3.1)						1.5kg
USP-17000(06)						3.4kg
USP-17000(10)						3.5kg
USP-18000(02)	Aluminium	Polyester Webbing 25mm	16kN	USP-H12 Snap Hook		1.4kg

TRIPOD UT-TP700



UFS Protects Tripod is one such product that can be used for easy access by a worker into confined spaces such as Man-holes, 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.



WINCH UT-WN710

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

Part Code	Winch (UT-WN710)
Winch	Galvanized Steel wire rope of dia 4.5mm
Length of cable	20m
Connector	Steel screw locking Carabiner USP-H9
Compatibility	Can be mounted on Tripods with the help of their fastener

UFS PROTECTS MONOPOD USP-800 (MP)



USP-FMB01
Floor Mount Base

UFS PROTECTS-U-POD USP-800



USP-FMB01
Floor Mount Base

USP-WMB01
Wall Mount Base

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 Protects manufactures vertical lifeline and a rope grab system that can be used to prevent such accidents. A UFS Protects 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.



**EXTENDED TOP
ANCHORAGE BRACKET**

USP-1000

USP 11000 (Over The Roof)

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



USP 12000 (Over The Head)

Zip Line Pulley Small

Ref. USP-ZP02

- Material: Stainless Steel 316, Aluminum Alloy
- Feature: Use with diameter 8mm to 12mm wire rope

Intermediate

Ref. USP-11000(06)

- Material : Stainless Steel 316.
- Recommended Installation- every 10m.

Anchor Extremity Plate

Ref. USP-12000(01)

- Material : Stainless Steel 316

Cable Extremity

Ref. USP-11000(07)

- Allows crimping of the cable wire at the desired length, and eliminates danger of any loose wire.
- Material : Stainless Steel 316.
- Feature : Swageless Termination

Wire Rope

Ref.VL-30(XXXX)

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

Retractable Fall Arrest Block

Ref. USP-16000(10)

Shock Absorber

Ref. USP-12000(05) E

- Material : Stainless Steel 316

Tensioner

Ref. USP-11000(02)

- Regulates tensioning of the cable.
- Material : Stainless Steel 316.
- Feature : Swageless termination.

TEMPORARY LIFELINE SYSTEM(2MEN) USP-14010

CE EN795:2012

UFS Protects 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 Protects 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.

TEMPORARY HORIZONTAL

CE EN795:2012



Temporary life line are available for both 3 men and 4 men users.

TEMPORARY HORIZONTAL LIFELINE(4MEN) 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.

Rope type	Material of tensioner	Attachment type	Anchorage type	Max. nos of user	Max. Span Length	Weight
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 25m	10.400Kg ±100grm

DRILL-POWERED RESCUE DEVICE

DPR-04



UFS Protects Made using high strength steel and aluminum 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
Breaking Quantity	Dual Braking
Breaking 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	Material	Finish
Hand Wheel	High-Strength Aluminium Alloy	Powder coated Black
Carabiner	Aluminium Alloy	Anodized
Connector Hook	Aluminium Alloy	Anodized
Long Rope End	Kernmantle	Natural
Short Rope End	Kernmantle	Natural

BATTERY POWERED ROPE ASCENDER

BA-01

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	Material/ coating	Finish
Main frame Housing	Aluminium Alloy (6061-T6)	Aanodised (Hard coat, mettlet grey)
Side plates\ covers	Aluminium 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	Steeliness / Steel	Anodized / Moulded
Webbing	Polyester	Natural
Carabiner	Aluminium Alloy	Anodised
Rope Pulley	Stainless Steel	E l e ctropolish

PORTABLE ANCHOR POST

AP-03



Product Specifications :-

Material	High-Strength Aluminium
Finish	ED coated black
Weight	1.2m or as requested

Component Specifications :-

Component	Material	Finish
Anchor plate Fixing	Alloy Steel	ED coated black
Upper Arm	Alloy Steel	ED coated black
Movable clamp Housing	Alloy Steel	ED coated black
Bend Clamp	Alloy Steel	ED coated black

Vital Test Compliance :-

Static Strength	Material
Dynamic Performance	When tested dynamically with a rigid mass of 100 Kg, the test mass shall arrest and anchor hold an increased mass of 300 Kg for 3 minutes.

ALUMINIUM FIXED ANCHOR

USP-FA04(AL)

CE EN795:2012
Type A

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.

Part Code	Material	Finish	Width	Min. Breaking Strength
USP-FA04(AL)	Aluminium Alloy	ED Coated, Powder Coated	23kN	260 grm.



STAINLESS STEEL CHEMICAL POINT ANCHOR

USP-CA01

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

Part Code	Material	Finish	Min. Breaking Strength	Weight
USP-CA01	Stainless Steel 316	Electro Polished	13kN	240grm ± 5grm



CE EN795:2012
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 Aluminium alloy and Mild Steel.
- Light weight & portable.

Part Code	Material	Finish	Minimum Opening	Maximum Opening	Min. Breaking Strength	Weight
USP-11000(11)	Mild Steel	Galvanized	420mm	664mm	23kN	3.0kg ± 100g
USP-11000(11A)	High strength Aluminium alloy	Anodized	420mm	664mm	23kN	2.4kg ± 100g



CE EN795:2012
Type A

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

CE EN795:2012
Type A

USP-FA01



USP-FA02



USP-FA03



CE EN795:2012
Type B

**PARAPET ANCHOR WITH
EXTENDED MOVABLE ARM
USP-PA01**

**BEAM ROLLER
USP-BR01**



USP-BR02



CE EN795:2012

**BEAM ANCHOR
USP-BA01**



USP-BA02



CE EN795:2012

USP-SA01



USP-SA02



CE EN795:2012
Type A,
TS16415:2013

Minimum Flange Width	100mm
Maximum Flange Width	200mm
Material	Stainless steel SS 316 and galvanized steel
Minimum Breaking Strength	23kN
Compliance to	EN 795 : 2012 Type - A TS16415 : 2013

**DOOR & WINDOW ANCHOR
USP-DWA-01**



CE EN795:2012
Type B

UFS WALKWAY USP-2500

CE EN516:2006

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)

ALUMINIUM WALKWAY 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.



HANDRAIL

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.



ALUMINIUM SKYLIGHT PROTECTION SYSTEM

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 into 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.



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



Full body harness



Descender



Tool bag



Carabiner



Lanyard



Anchorage webbing sling



Cow Tail



Rope length adjuster



Work positioning lanyard



Anchorage line



Knife

Emergency Rescue Evacuation System Kit USP-RK-02



Full body harness



Lanyard



Tool bag



Carabiner



DRILL-POWERED
RESCUE DEVICE



Anchorage webbing sling



Evacuation Triangle



Rescue pole

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

Rescue & Lifting Kit USP-RK-04



Full body harness



Lanyard



Tool bag



Carabiner



DRILL-POWERED
RESCUE DEVICE



Anchorage webbing sling



Rescue pole



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