

SAFE ECH
REDEFINING SAFETY



SAFE ECH
REDEFINING SAFETY

Safety has a New Address



Safetech Safety Solutions was formed in the year 2005 and is acknowledged as one of the leading Designer, Developer & Manufacturer of Technical fall protection Equipment in India providing world class products. As a manufacturer, we have the flexibility to work closely with clientele if they require custom-built products; corporate colours/branding, etc to suit the varying needs of their industry whilst ensuring compliance with relevant Standards.

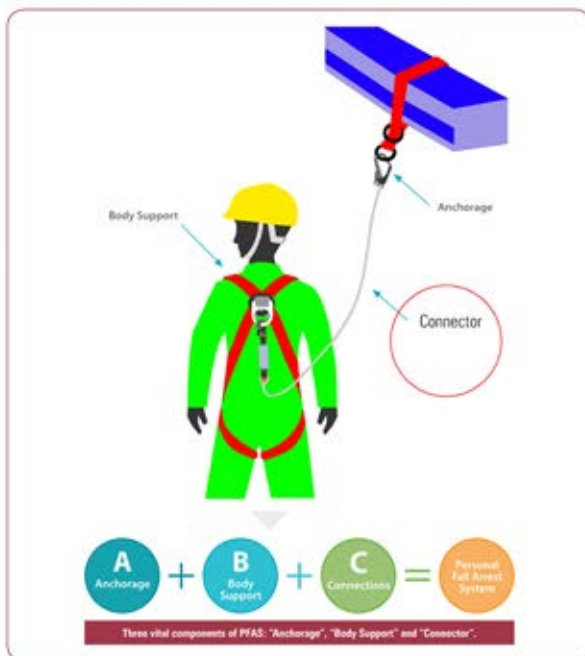
Quality always being paramount in all we produce. Raw materials coming onto the production line receives careful auditing to ensure only finest quality materials are being used. The equipment is closely monitored and checked throughout all stages of production and nothing leaves the premises without passing through the stringent checks in the Quality Control and Inspection Departments giving end users confidence in their choice of product. We strictly follow ISO:9001:2008 standards in our business activities.

To ensure traceability, all finished goods are individually serialised and certified and user instructions included.

We put all our energy and all our proficiency into achieving our mission. We are dedicated to bring every worker who is working at height home safely.

By getting associated with us you can expect hard work, dedication, perseverance, and TEAM. In **SAFETECH SAFETY SOLUTIONS**, we emphasize on Team Work, working together to achieve the goal of "SAFETY FIRST".

After all We Offer Safety, Comfort, Style & Economy...



OUR SERVICES



Speedy Delivery

Special Training Program



Customized Designing

Assured Quality



Direct Point Of Contact

After Sales Assistance

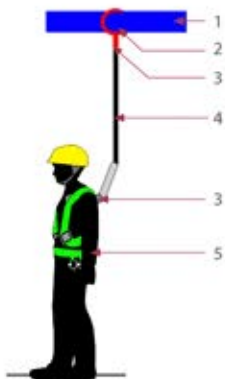


Clients Feedback

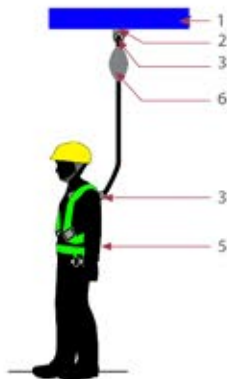
AMC & Re-Certification



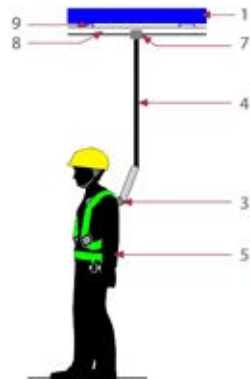
DIFFERENT TYPES OF FALL ARREST SYSTEMS



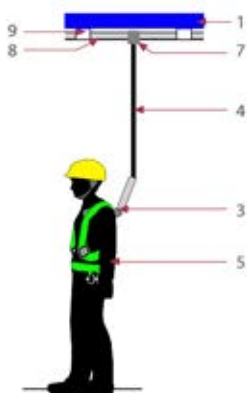
a) Fall arrest system based on an energy absorbing lanyard



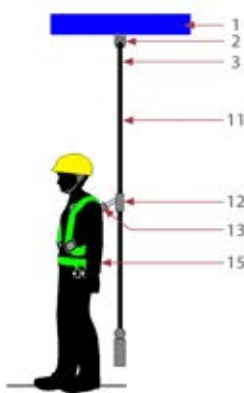
b) Fall arrest system based on a self retracting lifelines (SRL)



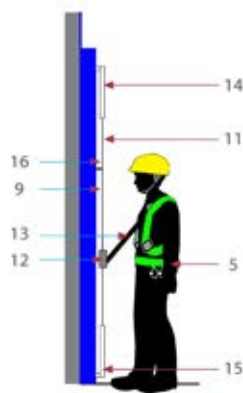
c) Fall arrest system based on a rigid horizontal lifeline



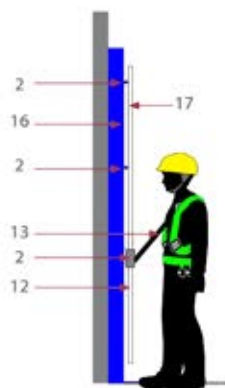
d) Fall arrest system based on a flexible horizontal lifeline



e) Fall arrest system based on a flexible vertical lifeline with an upper anchor



f) Fall arrest system based on a flexible vertical Lifeline with an upper and a lower anchor



g) Fall arrest system based on a rigid vertical lifeline

No	Key
1	Workplace structure
2	Anchor
3	Connector
4	Energy absorbing lanyard
5	Full body harness worn by user
6	Self retracting lifeline
7	Traveller
8	Rigid horizontal lifeline

9	Intermediate anchor
10	Flexible horizontal lifeline
11	Flexible vertical lifeline
12	Guided type fall arrester
13	Short connecting lanyard
14	Upper Anchor
15	Lower Anchor
16	Permanently installed ladder
17	Rigid vertical lifeline



SAFE - T - 110

Attachment Elements – A Dorsal Attachment **Forged D-Ring** for Fall Arrest.
Adaptability – Adjustable Thigh-Straps & Chest Strap.
Convenience – Shoulder and thigh-straps differentiated by a Dual Colour Scheme.
Ergonomics – Ideally positioned sit-strap for extended comfort.
Compliance – Conforms to EN 361:2002.

SAFE - T - 110A

Attachment Elements – 2 Chest attachment textile loops and a Dorsal attachment **Forged D- Ring** for Fall Arrest
Adaptability – Adjustable Thigh-straps & Chest Strap.
Convenience – Shoulder and thigh-straps differentiated by a Dual Colour Scheme.
Ergonomics – Ideally positioned sit-strap for extended comfort.
Compliance – Conforms to EN 361:2002.



SAFE - T - 210

Attachment Elements - A Dorsal attachment **Forged D- Ring** for Fall Arrest
Adaptability - Adjustable Shoulder Straps, Thigh-straps & Chest Strap.
Convenience - Shoulder and Thigh-straps differentiated by a Dual Colour Scheme
Ergonomics - Ideally positioned sit-strap for extended comfort
Conforms to EN 361:2002



SAFE - T - 220

- Attachment Elements – 2 Chest attachment textile loops and a Dorsal attachment **Forged D- Ring** for Fall Arrest.
- Adaptability – Adjustable Shoulder Straps, Thigh-Straps & Chest Strap.
- Convenience – Shoulder and thigh-straps differentiated by a Dual Colour Scheme.
- Ergonomics – Ideally positioned sit-strap for extended comfort
- Compliance – Conforms to EN 361:2002.



SAFE - T - 230

- Attachment Elements – 2 Chest attachment **Forged D- Rings** and a Dorsal attachment Forged D- Ring for Fall Arrest.
- Adaptability – Adjustable Shoulder Straps, Thigh straps & Chest Strap.
- Convenience – Shoulder and thigh-straps differentiated by a Dual Colour Scheme.
- Ergonomics – Ideally positioned sit-strap for extended comfort.
- Compliance – Conforms to EN 361:2002.

SAFE - T - 240

- Attachment Elements – One Chest attachment **Forged D- Ring** and a Dorsal attachment Forged D- Ring for Fall Arrest.
- Adaptability – Adjustable Shoulder Straps, Thigh Straps and Chest Strap.
- Convenience – Shoulder and thigh-straps differentiated by a Dual Colour Scheme.
- Ergonomics – Ideally positioned sit-strap for extended comfort.
- Compliance – Conforms to EN 361:2002.





SAFE - T - 310

Attachment Elements – One dorsal D-ring of **forged alloy steel** for Fall Arrest; Two Lateral D-rings of forged alloy steel for Work Positioning.

Adaptability – Adjustable Shoulder Straps, Thigh Straps, Waist Belt & Chest Strap.

Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme. Two holder loops at back.

Ergonomics – Ideally positioned sit-strap for extended comfort. Padded Work Positioning Belt for Back Support.

Compliance – Conforms to EN:361:2002, EN 358:2002.

SAFE - T - 320

Attachment Elements – Two chest attachment textile loops One dorsal D-ring of forged alloy steel for Fall Arrest; Two Lateral D-rings of forged alloy steel for Work Positioning

Adaptability – Adjustable Shoulder Straps, Thigh Straps, Waist Belt & Chest-Strap.

Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme. Two holder loops at back.

Ergonomics – Ideally positioned sit-strap for extended comfort. Padded work Positioning belt for Back Support..

Compliance – Conforms to EN 361:2002, EN 358:2002.



SAFE - T - 410

Attachment Elements – 1 Dorsal attachment D-Ring for Fall Arrest and 2 Lateral D-Rings for Work Positioning.

Adaptability – Adjustable Shoulder Straps, Thigh Straps, Waist Belt & Chest Strap.

Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme. Tool holder loops at the back.

Ergonomics – Ideally positioned sit-strap for extended comfort. Padded Waist belt for back support.

Compliance – Conforms to EN 361:2002 and EN 358:1999.

SAFE - T - 420

Attachment Elements – 2 Chest attachment textile loops and a Dorsal attachment D-Ring for Fall Arrest. 2 lateral D-Rings for Work Positioning.

Adaptability – Adjustable Shoulder Straps, Thigh Straps, Waist Belt & Chest Strap.

Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme. Tool holder loops and rings at the back.

Ergonomics – Ideally positioned sit-strap for extended comfort. Padded Wasit belt for back Support.

Compliance – Conforms to EN 361:2002 and EN 358:1999.



SAFE - T - 430

Attachment Elements – 2 Chest attachment D-Rings and a Dorsal attachment D-Ring for Fall Arrest. 2 Lateral D-Rings for Work Positioning.
 Adaptability – Adjustable Shoulder Straps, Thigh Straps, Waist belt & Chest Strap.
 Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme. Tool holder loops and rings at the back.
 Ergonomics - Ideally positioned sit-strap for extended comfort. Padded Work Positioning belt for Back Support.
 Compliance – Conforms to EN 361:2002 and EN 358:1999.



SAFE - T - 440

Attachment Elements - One Chest attachment D- Ring and a Dorsal attachment D-Ring for Fall Arrest. Two Lateral attachment D-Rings for Work Positioning.
 Adaptability – Adjustable Shoulder Straps, Thigh Straps, Waist Belt & Chest Strap.
 Convenience – Shoulder and thigh-straps differentiated by a dual colour scheme.
 Ergonomics – Ideally positioned sit-strap for extended comfort. Padded Work Positioning belt for Back Support.
 Compliance – Conforms to EN 361:2002 & EN 358:1999.



SAFE - T - 560

Attachment Elements - One Dorsal and one Sternal D-Ring for Fall Arrest. One Ventral D -Ring at waist level for Rope Access work and 2 Lateral D- Rings for Work Positioning
 Adaptability - Adjustable Shoulder, Thigh Straps & Waist Belt
 Convenience - An ideal combination of Fall Arrest, Work Positioning, Rescue and Rope access applications.
 Ergonomics - Soft padding on shoulder, waist and leg straps for extended comfort
 Conforms to EN 361:2002, EN 358:1999 & EN 813:2008



SAFE - T - 510

This Harness is used by mountaineers, tree-climbers and loggers, for positioning and rope access. This Harness is equipped with light weight Aluminum D-Rings.
 Consists of two lateral D-rings for Work positioning and Ventral D-ring for Rope access.
 Adjustable Thigh Straps & Waist Belt.
 With wide and semi-rigid waist belt for excellent support.
 The waist belt and the leg straps are provided with a soft padding that provide best possible comfort to the wearer.
 The two lateral attachment points equally distributes the weight around the waist belt for comfort when leaning back.
 For comfort, the ventral attachment distributes the weight evenly between the waist belt and the leg loops during suspension work.
 Conforms to EN 358:1999 & EN 813:2008.



SAFE - T - 180

Attachment Elements – 2 Chest attachment **Forged** D- Rings for Tower Climbing, A Dorsal Attachment D-Ring for Fall Arrest
 Adaptability – Adjustable Shoulder Straps, Thigh Straps & Chest Strap.
 Ergonomics – Ideally positioned sit-strap for extended comfort.
 Compliance – Conforms to IS 3521:1999

SAFE - T - 180A

Attachment Elements – A Dorsal Attachment Forged D-Ring for Fall Arrest
 Adaptability – Adjustable Chest Straps, Shoulder Straps, Thigh Straps.
 Ergonomics – Ideally positioned sit-strap for extended comfort.
 Compliance – Conforms to IS 3521:1999



Class-A



- It shall incorporate at least one fall arrest attachment element
- The fall arrest attachment element shall be positioned so that it lies at the back ('dorsal' attachment D-ring) of the user

Class-D shall meet the requirements for Class-A

- It has additional attachment elements that allow the user to connect to a controlled descent system
- It has a controlled descent and ascent attachment elements incorporated so that the user can adopt an approximate seated position (whilst in suspension)

Class-D



Class-E



Class-E shall meet the requirements for Class-A

- It has additional attachment elements that allow the user to connect to a confined space access system
- It has a sliding attachment element on each shoulder strap to be used as pair, so that they enable the user to adopt a near upright position (whilst in suspension)

Class-L shall meet the requirements for Class-A

- It has additional attachment elements that allow the user to connect vertical climbing guided type Fall arrester
- It has a vertical climbing point incorporated so that the user can climb a ladder with both hands free and very easy to self-rescue in the event of a fall

Class-L



Class-P



Class-P shall meet the requirements for Class-A

- It has additional attachment elements that allow the user to connect to a work positioning system
- It has at least one work positioning attachment element incorporated at approximately waist level

WORK POSITION HARNESS



SAFE-T-100

Fully Adjustable comfort pad to provide lumbar support for long working hours
Anchor Element : Two lateral D-rings of forged alloy steel
Ergonomics : Wide back comfort pad, tool holding webbing loops, rings for tool holders, bolt bags
Size : Universal
Compliance : Conforms to EN 358:1999

SAFE-T-100

Fully Adjustable **Extra-Wide** comfort pad to provide lumbar support for long working hours
Anchor Element : Two lateral D-rings of forged alloy steel
Ergonomics : Wide back comfort pad, tool holding webbing loops, rings for tool holders, bolt bags
Size : Universal
Compliance : Conforms to EN 358:1999



WORK RESTRAINT POLYAMIDE LANYARDS

SAFE-LINE 208



SAFE-LINE 208/A



SAFE-LINE 208/B



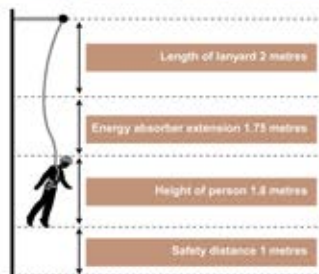
SAFE-LINE 208/C



SAFE-LINE 208/D



ENERGY ABSORBERS



Minimum fall clearance required 6.55 metres while using an energy absorbing lanyard

SAFE-LINE-300 SHOCK ABSORBER

SAFETECH Energy Absorber Safe-Line-300 is made up of 44mm wide webbing and is shrink wrapped. It reduces the impact of fall to less than 6kN, and conforms to EN 355:2002.

FALL ARREST DOUBLE LANYARD - WEBBING



SAFE-LINE-361

Made of 44mm webbing lanyard.

Length 1.5 m, 1.8 m, 2.0 m.

Karabiner with Energy Absorber at one end and two Steel Scaffold Hook Safe-Lock-131 at other ends.

Conforms to EN 355:2002

FALL ARREST DOUBLE LANYARD - BRAIDED

SAFE-LINE-341

FORKED SHOCK ABSORBING BRAIDED ROPE LANYARD

12mm diameter braided polyester rope

Length 1.5 m, 1.8 m, 2.0 m.

Karabiner with Energy Absorber at one end and two Steel Scaffold Hook Safe-Lock-131 at other ends.

Conforms to EN 355:2002



FALL ARREST DOUBLE LANYARD - POLYAMIDE



SAFE-LINE-351

FORKED SHOCK ABSORBING TWISTED ROPE LANYARD

Made of 12mm dia 3 strands Twisted polyamide rope.

Length 1.5 m, 1.8 m, 2.0 m.

Karabiner with Energy Absorber at one end and two Steel Scaffold Hook Safe-Lock-131 at other ends.

ROPE GRAB FALL ARRESTER



SAFE-LOCK-20A

Rope Grab Fall Arrester with Karabiner.

- Rope Grab Fall Arrester works with 14 mm dia Polyamide Life Line.
- Anti Gravity Locking System.
- Can be used in Static Mode.
- Automatic lock in an event of fall.
- Material - Alloy Steel.
- CE- EN353-2



SAFE-LOCK-20B

Detachable Rope Grab Fall Arrester with Energy Absorber.



SAFE-LOCK-20C

Detachable Rope Grab Fall Arrester with Spacing Strap.

RETRACTABLE FALL ARRESTER



RFA-100 Retractable Fall Arrester

Casing- Available in both robust Polymer casing and in Aluminium Casing
 Locking Mechanism - Unique centrifugal Braking Mechanism
 Applications - Ideal for Vertical use in various hazardous conditions
 Retractable Life Line - Available in both Webbing & GI wire rope (4mm).
 Harness End Connector - Swivel Snap Hook.
 Conforms to EN 360:2002
 Length - 6m, 8m, 10m, 12m, 15m, 20m.

SAFE-LINE-300 Horizontal Anchorage Life Line

Made up of 30 mm Polyester Webbing equipped with Ratchet Tensioner that allows easy tensioning of the lifeline between two structures. Both the ends are provided with Auto Locking Steel Karabiners.

The whole system is supplied in a bag, which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable shoulder hanging straps provided in the bag.

Once fitted, you can easily put back the extra webbing not deployed along the length, into the Bag.

Available Length- Total 20m, thus the user can use it for a length ranging from 5m to 20m.

Tested for use by Two Users simultaneously.

Once the Lifeline is fitted, the user can easily attach the Lanyard of his Harness to the Lifeline using a Karabiner. This allows movement along the length while keeping the user secured and safe at all times.



SAFE-LINE 910 3 Strand Twisted Polyamide Anchorage Line

14mm Dia with one side loop, other side hook for anchoring.
 Has coloured tracer yarn which loses its colour in due course of time, to show that the rope is now unfit for further use.

Strength - More than 23 kN.

Available Lengths : 10m, 20m, 30m, 40m, 50m, 60m, 70m, 80m, 90m, 100m.

PAINTING AND BUILDING MAINTENANCE KIT



Multipurpose Harness



Slings



Descender



Fall Arrester



Braided Rope



Polyamide Rope



Karabiners



Parapet Anchor



Easy Chair



Kit Bag

RESCUE KIT



Multipurpose Harness



Slings



Descender



Lanyard



Retractable Fall Arrester



Karabiners



Braided Rope



Fall Arrester



Polyamide Rope



Double Lanyard Polyamide



Kit Bag



RESCUE KIT - ADVANCED



Multipurpose Harness



Slings



Descender



Lanyard



Retractable Fall Arrester



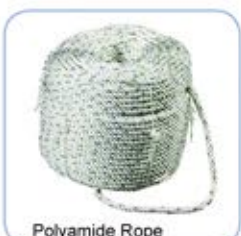
Karabiners



Braided Rope



Fall Arrester



Polyamide Rope



Double Lanyard Polyamide



Kit Bag

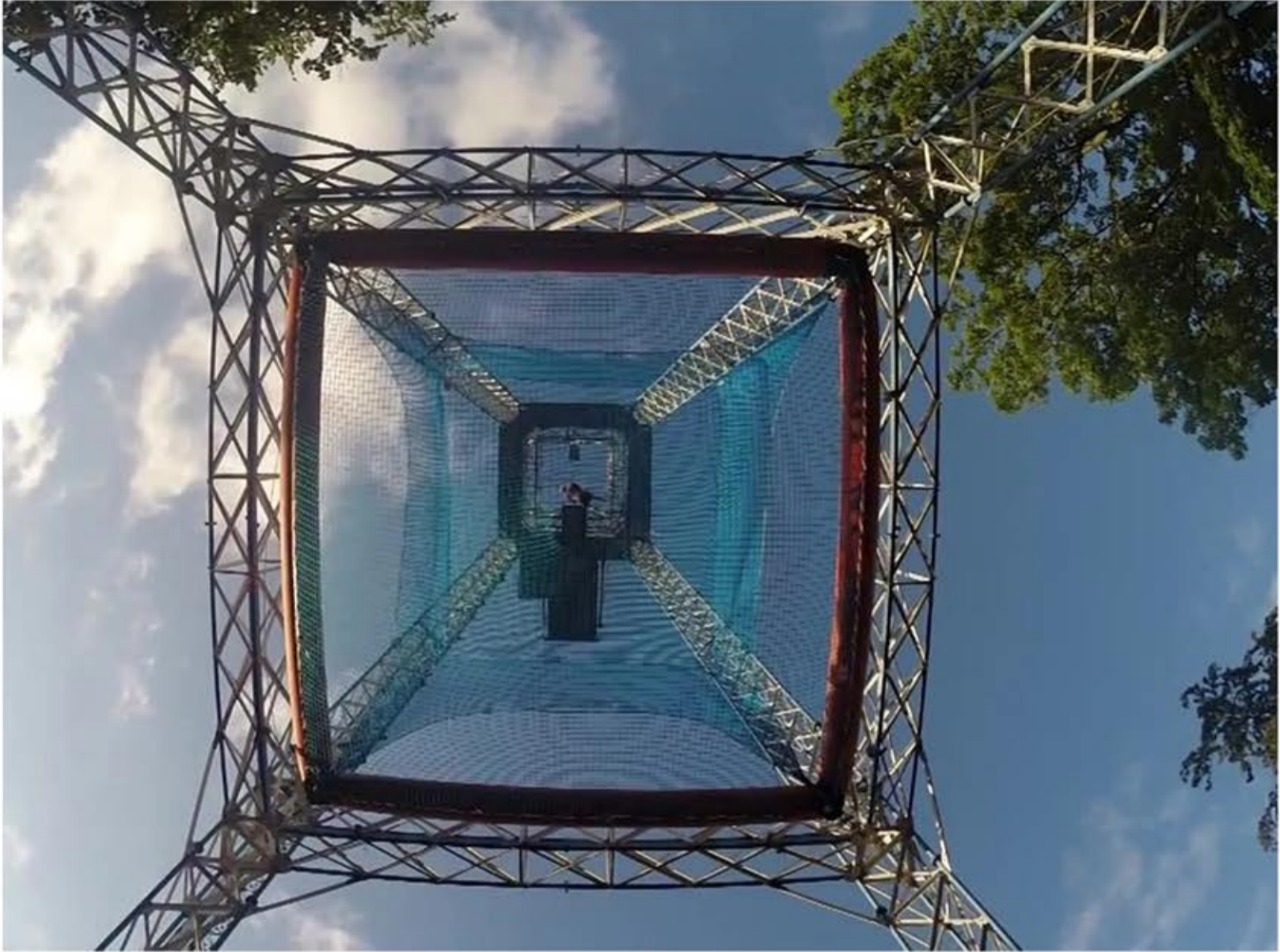


Rescue Pilot Chair



Rescue Stretcher

TOWER SAFETY SOLUTIONS



 **BOTTOM VIEW**



TOP VIEW 

SafetyNet

SAFETY NET

SN 001

Braided safety net

- Mesh size : 30 mm X 30 mm
- Mesh rope : 2.5 mm dia single braided rope
- Border rope : 12 mm dia PP rope
- Tie rope : 12 mm dia PP rope of 2 metres length at every 1.5 metre interval
- ISI marked polypropylene rope conforming to IS: 5175 of 1992



SN-002

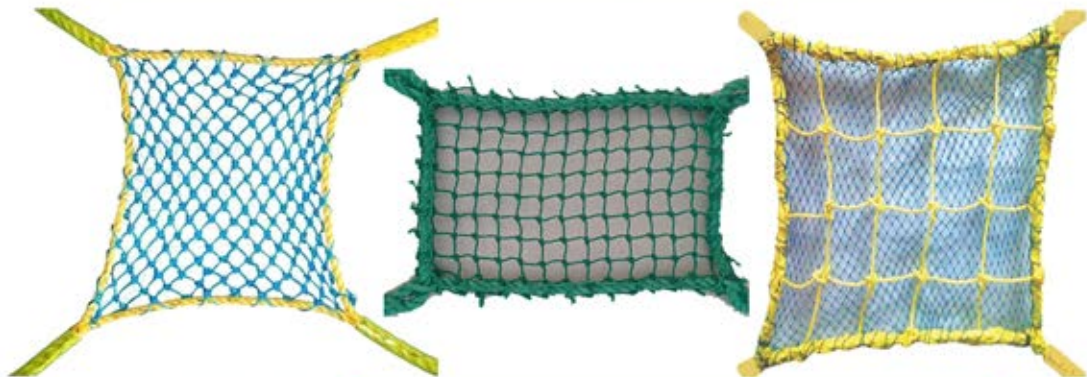
2 mm double cord safety net

- Mesh size : 40 mm X 40 mm
- Mesh rope : 2 mm dia double cord
- Border rope : 12 mm dia PP rope
- Tie rope : 12 mm dia PP rope of 2 metres length at every 1.5 metre interval
- ISI marked polypropylene rope conforming to IS: 5175 of 1992

SN-003

Overlay safety net

- Mesh size : 100 mm x 100 mm
- Mesh rope 4 mm dia PP rope
- Border rope : 12 mm dia PP rope
- Overlay net : Containment net of 1 mm dia twin, mesh size 15-22 mm
- Tie rope : 12 mm dia PP rope of 2 metres length at every 1.5 metre interval
- ISI marked polypropylene rope conforming to IS: 5175 of 1992



EDGE LINE SAFETY NET FAN SYSTEM



EdgeLine Safety Fan system is a modular net system for the exterior of site buildings where debris protection is required. It is constructed to be efficiently assembled on the ground/working floor and raised into position.

For maintenance work, such as cleaning or for building side access the installed fans can be easily folded inward in seconds.

The Safety Fan can also be installed without a crane.

- Available in two widths:
6 m x 3m & 4 m x 3 m
- Safety Net is 3 layer

High Tenacity Polypropylene Braided Net

- First Layer- M100x100mm – 5mm dia
- Second Layer- M25x25mm – 2.3mm dia
- Third Layer - 80gr/m2 Debris Net
- Dimension: 4 m x 3 m
- Weight: 125 kg approx
- Overlap: at least 0.75 m at the narrowest point



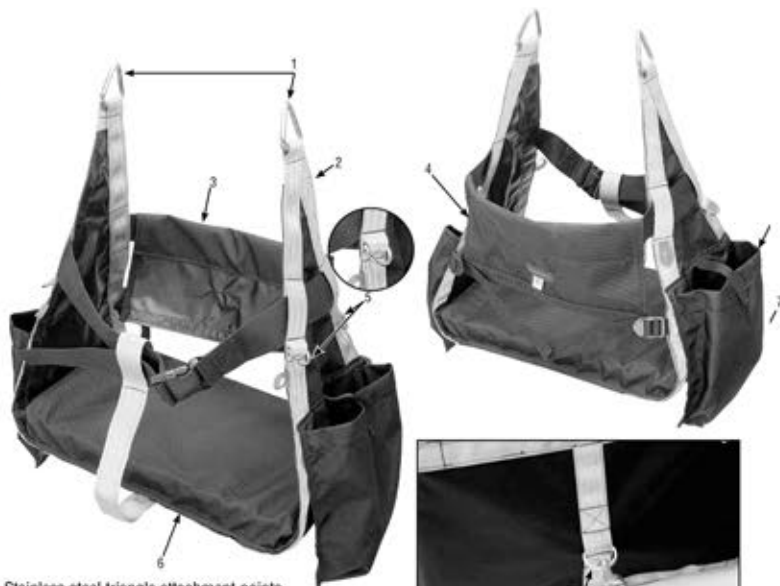
SAFE|CHAIR



Two Point Connection
 (3) Brass Hook Snaps
 (2) Tool Loops
 BC-Pad
 BC-Belt
 (2) Parapet Glides



Four Point Connection
 (3) Brass Hook Snaps
 (2) Tool Loops
 BC-Pad
 BC-Belt
 (2) Parapet Glides



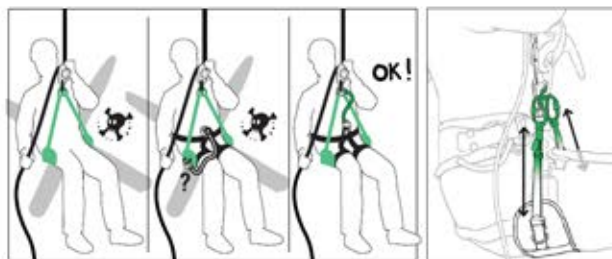
1. Stainless steel triangle attachment points
2. High strength "seat belt" webbing
3. Ballistic nylon fabric throughout
4. Adjustable back support
5. D-rings and webbing loops for the attachment of tools or parts
6. Extra-wide padded seat
7. Wide-mouth pockets on each side
8. Downhaul attachment on bottom of chair



Rescue Y-Lanyard



Easy Seat Provides a Comfortable seating
 for extended time during long hours of work at height.



SAFE|TECH
REDEFINING SAFETY

FIXED FALL PROTECTION



HEIGHT SAFETY RANGE

- Anchor point systems
- Horizontal static line systems
- Overhead rail fall arrest systems
- Access ladders
- Walkways & guardrails
- Step ladders & stairways

SERVICE OFFERING

- System design & cost analysis
- Supply, installation & certification
- Building and workplace height safety assessments
- Technical support
- Corporate height safety upgrade programs
- System user induction
- Periodic system recertification

PERMANENT FALL ARREST SOLUTIONS



Loading and Un-Loading Life-Line System

1. END ANCHOR
2. ENERGY ABSORBER
3. TENSIONER
4. CRIMPING RING
5. 8MM SS WIRE ROPE
6. GLIDER
7. INTERMEDIATE ANCHOR
8. RETRACTABLE FALL ARRESTER
9. ANTISTATIC FULL BODY HARNESS

PERMANENT FALL ARREST SOLUTIONS

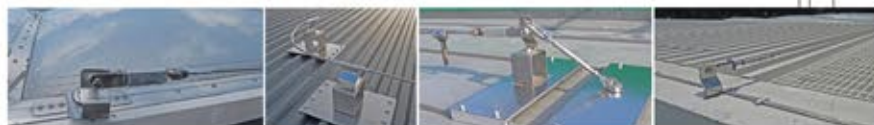
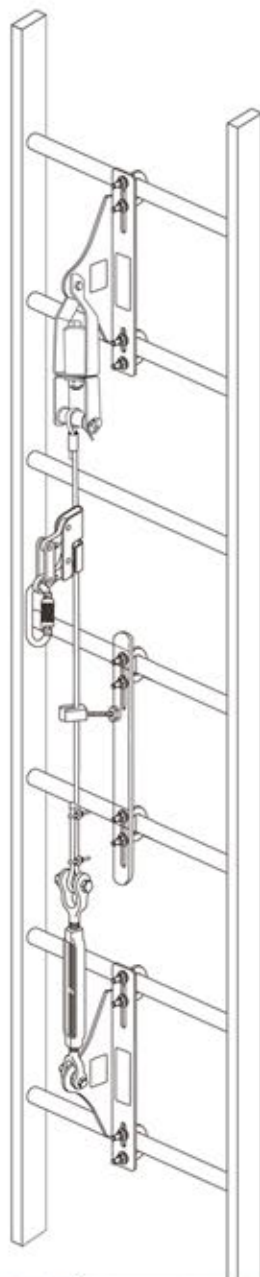
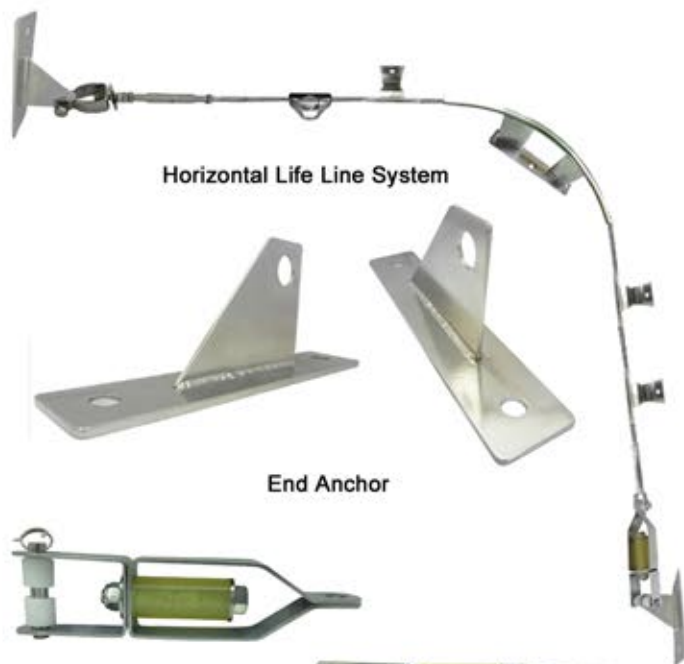


HORIZONTAL ROOF Life-Line System



VERTICAL Life-Line System

PERMANENT FALL ARREST SOLUTIONS



REFLECTIVE JACKET



REFLECTIVE VEST

- Fabric : Mesh polyester or plain polyester
- Colour : Orange and green
- Reflective tape : High gloss white or yellow
Glass bead grey tape
3M Scotchlite
- Tape width : 1" or 2"
- Style : One side opening
- Design : Two Horizontal and two vertical reflective tape
One Horizontal and two vertical reflective tape



3 SIDE OPENING

- Fabric : 100% mesh polyester
- Colour : Orange and green
- Reflective tape : High gloss white or yellow
Glass bead grey tape
3M Scotchlite
- Tape width : 2"
- Style : Three side opening
- Design : One horizontal and two vertical reflective tape

CROSS BELT

- Fabric : Plain polyester
- Colour : Orange and green
- Reflective tape : High gloss white or yellow
Glass bead grey tape
3M Scotchlite
- Tape width : 1" or 2"
- Style : Two side opening
- Design : Back cross and front H-shaped

* Logo and design can be customised



FIRE RETARDANT COVERALL - NOMEX



Protection of all body parts is a must in any manufacturing facility. It is necessary when working in areas where the surrounding processes can lead to fire any time like Oil and Gas segments which are susceptible to fire due to any reason.

Safetech Body Protection Suits are just the right product for such applications as they are made up of tested and certified Fire Retardant Fabrics to provide safety from immediate small fires and allows escape time to the person- nel working in such extreme situations.

AL FIRE SUIT

Construction

The outer layer of the suit is made of aluminised Kevlar® fabric. The inner layer is made of woolen fabric lining and the third layer is made of flame retardant cotton cloth. All stitches are done with heavy-duty Kevlar® thread. The construction of the material is user durable, non-allergic, and skin-friendly.

Style

- Coverall : One-piece coverall with or without pouch to keep breathing apparatus
- Jacket and trouser : Jacket with or without pouch to keep breathing apparatus

Accessories

- Hood consists of FRP helmet with mica and tinted polycarbonate visor
- One pair of aluminised gloves
- One pair of aluminised leg-guard

Applications : These suits are used widely in intense heat, fire, steam and hot liquid.



TYCHEM TK



Tychem® TK is specifically developed for protection against toxic, corrosive gases, liquids and solid chemicals. This high-performance chemical barrier fabric is ideally suited for industrial, HazMat, and domestic preparedness applications. Tychem® TK offers proven protection with proven performance over a wide range of chemicals.

Tychem® TK exhibits outstanding chemical barrier properties. An extremely durable fabric that's puncture- and tear-resistant, its barrier has been tested against 260 challenge chemicals with no observed breakthrough after exposures of up to 8 hours. Excellent permeation data from stringent ASTM testing substantiates the uncompromised protection available with Tychem® TK.

Tychem® TK is available in totally encapsulated vapor protective Level A suits and liquid-splash protective Level B suits. It is also available in ensembles certified to the NFPA 1991 chemical/biological option. The lime-yellow color of Tychem® TK is highly visible in both bright and dim light, offering greater safety in emergency situations.

NOTES:



Manufacturer of Technical Fall Protection Equipments.



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