



Your Valuable Life in
Secure Hands

 A Government Recognized
Star Export House

INNOVATING SAFETY III

VIRAJ SYNTEX (P) LTD.

www.virajsyntex.com

An ISO 9001 : 2015 Certified Company



VIRAJ SYNTEX (P) LTD. (VSPL Group) established in 1995 has managed to carve a niche for itself in terms of customer satisfaction and state of the art technology.

VSPL Group specializes in the field of Narrow Woven Fabrics & Braided Cords/ Ropes , Fall Protection Equipments, Material handling & Load Restraint Systems and Equestrian Products. In India, we are one of the leading suppliers of Narrow Woven Fabrics used in Parachutes and other safety equipments used by the Indian Defence Organisations. Our Manufacturing set-up is spread over 1,50,000 sq. ft and is equipped with finest and latest weaving, braiding, twisting machines along with continuous dyeing and testing equipments. We are one of the few companies having a complete Vertical Integrated manufacturing process along with complete In house testing of all input raw material till complete finished products which gives us a strong control over quality at every step.

All our systems & process are registered to ISO 9001:2015. ISI, CE, ANSI and OSHA certifications reaffirm our commitment towards values of quality, innovation & fair Business Practices for complete customer satisfaction.

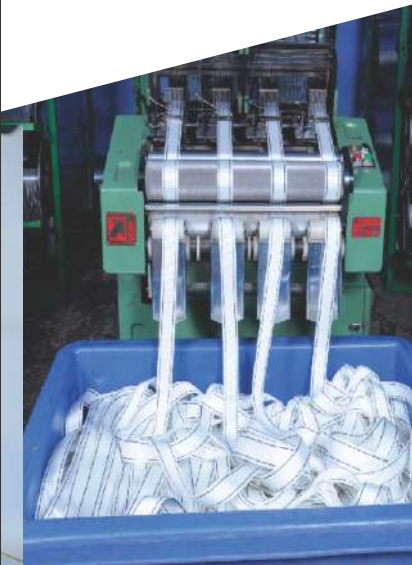
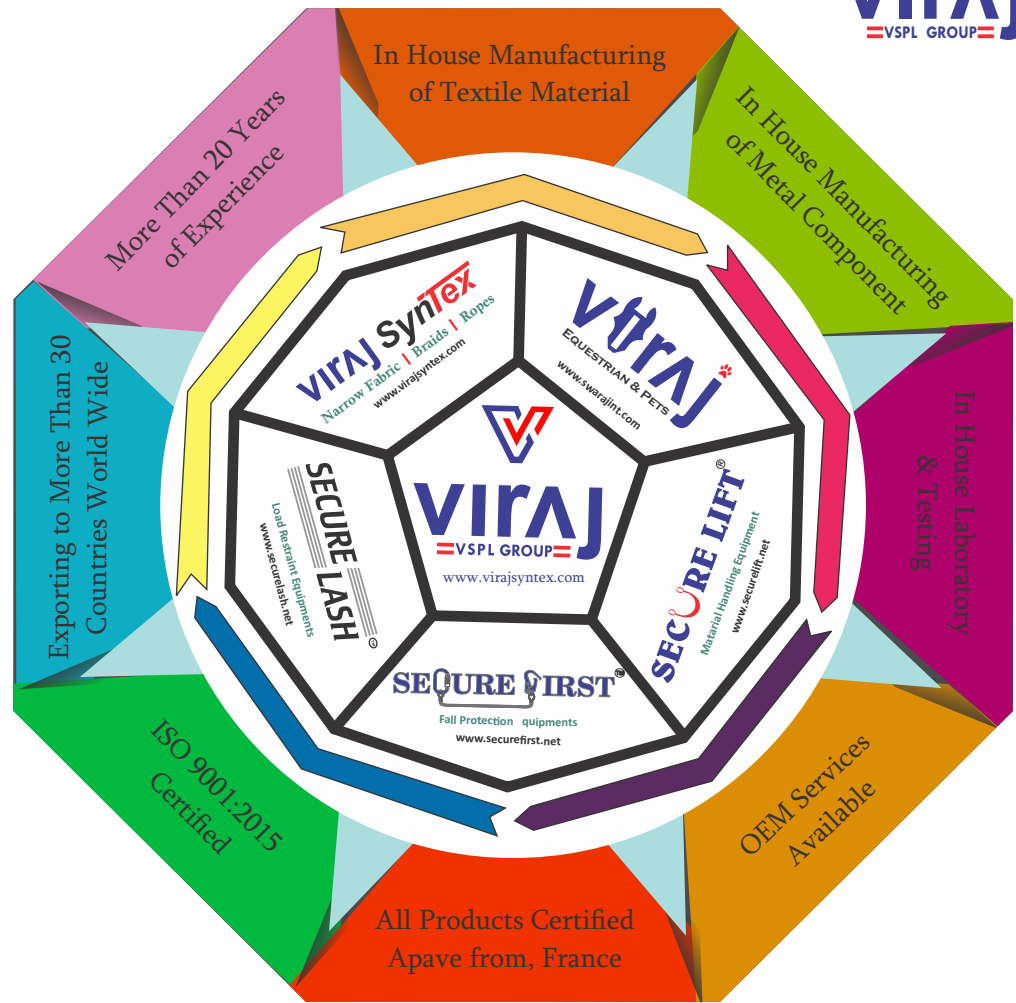
VSPL Group has expanded its marketing horizons in Europe, UK, Asia Pacific, Africa, USA, Australia and Middle East.

VIRAJ SYNTEX PVT. LTD

A name trusted for more than 25Years
An ISO 9001 : 2015 Certified Company
www.virajsyntex.com



KNOW US



OUR BRANDS

Fall Protection Equipment's are being marketed under the name “ SECURE FIRST” We have been designing, developing & manufacturing these protective equipment's (An absolute solution in Height Safety & confined space) as per EN 361:2002 standards for body harness/sit harness, EN 354:2002 standards for Lanyards and EN 355:2002 standards for Energy absorbers. ·

“ VIRAJ SYNTEX” Viraj, is a brand par apart, excels in making every kind of Webbing, Braids, Ropes, Elastic etc, which can be used in various fields. Viraj caters these to industries like Military, Fall Protection, Lifting, Saddlery, Footwear etc.

“ VIRAJ EQUESTRIAN” A brand to trust in equestrian industry, Viraj provides all types of Saddlery items like Rugs, Halters, Leads, Breaches etc, providing a complete range to the Equestrian Market.



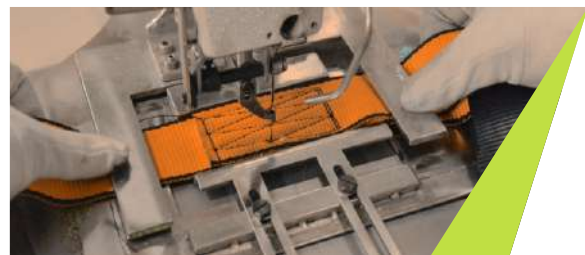
Webbing Dyeing



Weaving Section



Label Stitching



Automatic Stitching



Harness Stitching



Automatic Web Cutting



Kernmantle Rope Making



Braiding Section



Kernmantle Rope Braiding



Twisted Rope Section

OUR OPERATIONS



Pad Stitching



Harness Marking



Webbing Finishing



Metal Fitting Inspection



Turning & Drilling



Pneumatic Riveting Machine



Ferrule Crimping Machine



Retractable Block Assembly



Tripod Assembly



Winch Assembly



Wire Measuring & Cutting Machine



CNC - Turning Machine



Hydraulic Crimping Machine



Power Press Machine - 10, 20, 30, 40, 50,75 & 100 Ton



Yarn Twisting Machine



Rope Twisting Machine



Injection Moulding Machine



Bandsaw Machine



Drill Machine - 01



Pedestal Grinder 01



Riveting Machine



Machining Section



Surface Grinder Machine



Lathe Machine



Shot Blasting Machine



Vibro Machine



Plastic Grinder (Granulator) Machine



Drill Machine - 02

TESTING PROCEDURES

at **SECURE FIRST**TM

Each and every step of manufacturing at Viraj Syntex (P) Ltd. follows adherence to strict quality parameters and focus lies on quality through-out the various stages involved. All raw as well as semi finished goods at Viraj Syntex (P) Ltd. also pass through stringent quality norms as laid down in the Quality Manual of the Company.

The final product, at Viraj Syntex (P) Ltd. is then tested to fulfill the requirements which are set much above the EN Norms, ANSI, OSHA and ISI standards.



Dynamic Load Testing



Hardness Testing



Hot Conditioning



Rain Shower Testing



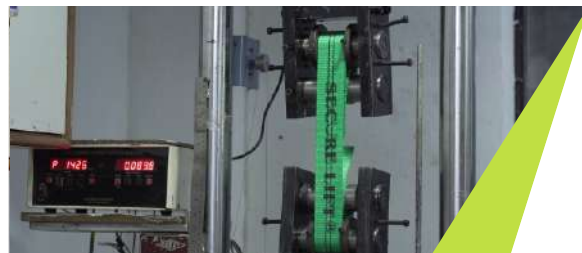
Cold Conditioning



Salt Spray Testing



Rope Testing



Webbing Testing



Static Load Testing of Karabiner



D-ring Testing



Static Load Testing of Scaffold Hook



Chemical Zone



Flammability Testing



Block Static Testing



Lab



Static Harness Load Testing



Alidra Twisting Machine



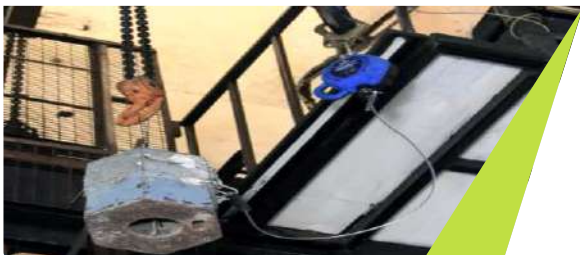
Sample Warping Machine



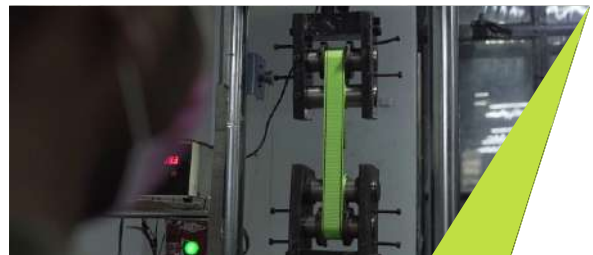
Warping Machine



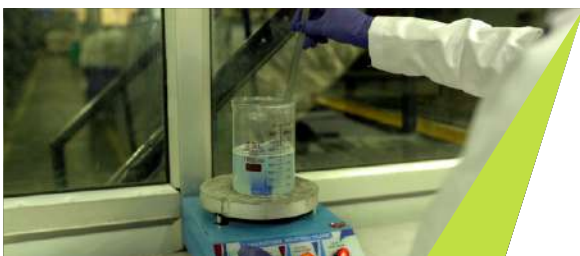
Tape Separator Machine



Dynamic Testing Machine



Tensile Testing Machine



Heating Plate



Yarn Melting Point Testing Machine



Vernier Caliper Testing



Webbing Printing Machine



Roland Sticker Printing Machine



Webbing Sling Testing Machine



Training Tower



Rope Twisting Machine



Washing Machine



Material Inward

STANDARDS



SECURE FIRST™

Fall Protection Equipments

SECURE LIFT™

Material Handling Equipments

European Standards - EN

Belt for Work Positioning, Restraint & Work Positioning Lanyards	EN 358:2018
Full Body Harnesses	EN 361:2002
Sit Harnesses	EN 813:2008
Connectors	EN 362:2004
Lanyards	EN 354:2010
Energy Absorbers	EN 355:2002
Anchorage Devices - Requirements & Tests	EN 795:2012
Guided type Fall Arrester including a Flexible Anchorage Line	EN 353-2:2002
Retractable type Fall Arresters	EN 360:2002
Rescue Lifting Devices	EN 1496:2017
Descender Devices for Rescue	EN 341/A-1:1996
Rescue Harnesses	EN 1497:2007
Safety Helmet	EN 397:A-1:2000
Safety Shoe	EN 20 345:2011

Indian Standards - ISI

Full Body Harnesses - ISI Standard	IS 3521:1999
Safety Shoes	IS 15298:2011
Safety Helmet	IS 2925:1984



Polyester Webbing Slings:

- As per ASME B 30.9:2014
- As per IS 15041 : 2001
- As per EN 1492:-1:2000+A1:2008

Polyester Round (Endless) Slings:

- As per ASME B 30.9:2014
- As per IS 15041 : 2001
- As per EN 1492-1:2000+A1:2008

Multi Leg Slings:

- As per EN 1492-1:2000+A1:2008

Flat Endless Slings:

- As per EN 1492-1:2000+A1:2008

Wheel Lashing

- As per EN 12195 - 2 : 2000

Ratchet Lashing

- As per EN 12195 - 2 : 2000

Cargo Nets

- As per EN Standards



ASME B30.9



SYSTEMS CERTIFICATION (ISO 9001:2015)

Under this certification all processes and systems are stringently monitored to deliver quality product at each stage of manufacturing and service.

Product Certification (CE)

More than 75 products manufactured by SECURE FIRST are CE certified.

Our Certificates have been issued by Certifying Body GEPTESZT-HUNGARY, in accordance with Article 10 of the PPE Regulations 2016/425. The Notified Body Number of GEPTESZT is 2233.

Our on-going assessment body is GEPTESZT-HUNGARY which issues us our Module D certificate as per Regulations 2016/425. The notified body number of GEPTESZT is 2233

All our products are marked '2233'.

As per Module D certificate all products marked CE 2233 must have a valid E.C. type examination certificate issued under Article 10.

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FULL BODY HARNESS

VIRAJ offers Harnesses are made of In-house dyed High Tenacity Polyester Webbing, imparting high resistance to UV, color stability to wash & rubbing fastness.

- Work Positioning Belt
- No-Spark Harness & Lanyard
- Repellon Harness & Lanyard
- Flame Resistant Harness & Lanyard
- Dielectric Non Conductive Harness & Lanyard
- Edge Line Harness
- Eco Line Harness
- Comfort Line Harness
- Ultra Line Harness
- Flexi Line Harness
- Jacket Harness
- Energy Absorber

All SECURE FIRST Harnesses are made of In-house dyed High Tenacity Polyester Yarn, imparting high resistance to UV, colour stability to wash & rubbing fastness.

Before wearing a Harness it is important to Inspect the Harness for certain features

- Hold the Harness by the back D-ring, and allow the straps to fall in its place. The Harness has clear and separate colours for the shoulder and thigh straps, for them to be easily distinguished.
- Inspect the Harness webbing for any cuts, burns or damages.
- Check the stitches for their continuity.
- Carefully look for any evidence of corrosion on the metal parts.
- SECURE FIRST Harnesses also give an assurance that the Harness has not been subjected to a fall, if the unique Fall Indicator is still secure on the shoulder straps.

WEARING HARNESS

The Harness can be worn by following these simple **steps**

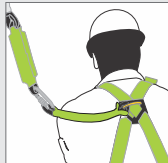
- Hold harness by back D-ring. Shake harness to allow all straps to fall in place.**
- If chest, waist and/or leg straps are buckled, release straps and unbuckle at this time.**
- Slip straps over shoulders so D-ring is located in middle of back between shoulder blades.**
- Pull leg strap between legs and connect to opposite end. Repeat with second leg strap. Connect waist strap, if present. Waist strap should be tight but not binding.**
- Connect chest strap and position in mid chest area 6" (152mm) to 8" (203mm) below the trachea but not below the sternum. Tighten to keep shoulder straps taut.**
- After all straps have been buckled, tighten all webbing so that harness fits snug but allows full range of movement. Pass excess strap through loop keepers.**

EXTENSION BAND

Unique Optional Extension Band (made of 30cm Length webbing) on the Dorsal Attachment D-Ring may be provided on request.



This Extension Band allows the user to easily connect himself to the dorsal attachment D-Ring without any external help



The Fall Indicator is a small label stitched to the back side of the shoulder strap, and it flies out of the Harness in the event of a fall.

⚠ WARNING - It is advisable to use lanyard of length not above 1.5m with harness equipped with Extension Band.

OPTION HARNESS PACKING BAG

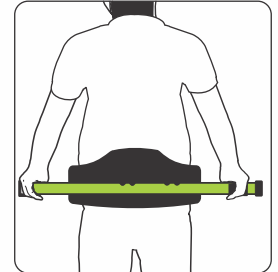


The Work Positioning System which comprises of a work positioning belt along with a work positioning lanyard enables the worker to work at heights in a well supported position, with both his hands free.



The Work Positioning Belts and Work Positioning Lanyards, however, Should not be used for Fall Protection.

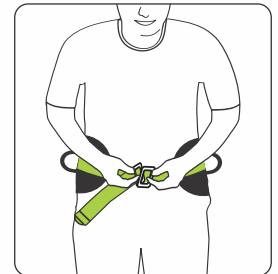
SECURE FIRST Work Positioning Belts have a sliding belt on the comfort pad, which enables the user to easily position the adjustment buckle of the belt at the center of his waist for smooth functioning.



Ref: SF-WPB-1001

- ▶ Wide comfort pad to provide lumbar support for long working hours
- ▶ Fully Adjustable
- ▶ Two Lateral D-Rings for Work Positioning
- ▶ Tool holding webbing loops
- ▶ Rings for tool holders, bolt bags, etc
- ▶ Available in sizes- Medium, Large, Extra Large
- ▶ As per EN 358:2018

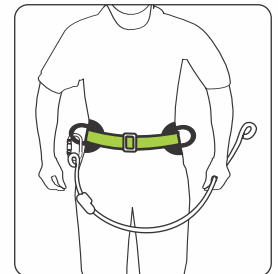
900
gms
Weight



Ref: SF-WPB-1002

- ▶ Optimum width comfort pad to provide sufficient lumbar support
- ▶ Fully Adjustable
- ▶ Two Lateral D-Rings for Work Positioning
- ▶ Tool holding webbing loops
- ▶ Rings for tool holders, bolt bags, etc
- ▶ Available in sizes- Medium, Large, Extra Large
- ▶ As per EN 358:2018

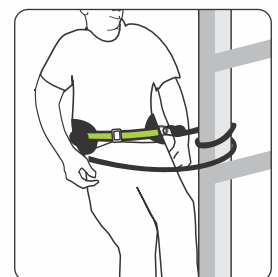
870
gms
Weight



Ref: SF-WPB-1003

- ▶ Optimum width comfort pad to provide sufficient lumbar support
- ▶ Fully Adjustable
- ▶ Two Lateral D-Rings for Work Positioning
- ▶ Rings for tool holders, bolt bags, etc
- ▶ Available in sizes- Medium, Large, Extra Large
- ▶ As per EN 358:2018

860
gms
Weight



Ref: SF-WPB-1004 (with more comfort)

- ▶ Optimum width comfort pad to provide sufficient lumbar support
- ▶ Fully Adjustable with spring Buckle & spacer line fabric for more comfort
- ▶ Two Lateral D-Rings for Work Positioning
- ▶ Rings and small Snap Hook for tool holder, bolt bags etc
- ▶ Available in sizes- Medium, Large, Extra Large
- ▶ As per EN 358:2018

900
gms
Weight



Adjust the lanyard length with the adjuster in order to be able to work comfortably with both hands free.

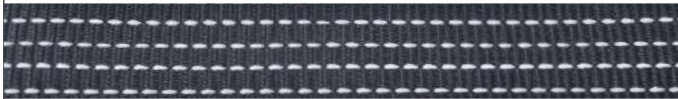
Brand's You Love

TECH SERIES

Static GUARD

Anti - Static Range

Static Guard range, introduced by Viraj, protects its user from any static charge. These HARNESSES AND LANYARDS can best be used in any explosive environment without any harm to its user.



REPELLON

Water/Oil/Dust Repellent Range

Protect your Harness and lanyards against dust, water and oil, with Viraj's new range of Repellon series. The webbing is treated using latest technology to keep your articles safe from any harmful thing.



Blaze SAFE

Fire Retardant Range

Viraj's BLAZE SAFE range, provides safety against fire as these harness and lanyards are made with special fibre which prevents the webbing from catching fire. It thus allow workers to work safely in fire environment..



DI-VOLTIC

DI - Electric Range

DI VOLTIC is the shock free range of Harness developed by VIRAJ, which uses DI electric buckles and D-rings which are shock free and allows the worker to work in an electric hazard environment without any danger..





NOSPARK HARNESS & LANYARD

SECURE FIRST NoSpark Range of Harnesses & Lanyards are antistatic in nature and are meeting ATEX requirement Certified. They have been designed to offer the perfect solution for safe working at height in explosive atmosphere. The Antistatic Material prevents the risk of an Electrostatic discharge igniting the explosive atmosphere thus allowing the user to work with complete Safety.



NoSpark Antistatic Full Body Harness

> Ref: SF-FBH-A-1022(AS) <

Comes with two front attachment textile loops in addition to the forged Dorsal D-Ring for fall arrest.

Stainless Steel Buckles for excellent Corrosion Protection.

Adjustable Chest, Shoulder and thigh straps.

As per EN 361 : Fall Arrest Harness.

As per EN 13463-1:2009 and EN 13463-5:2003. Harness webbing also tested for surface resistance as per EN 1149-1:2006 and EN 1149-5:2008.



Dorsal



Sternal



1200
gms
Weight



25 kN
Breaking
Strength



NoSpark Antistatic E.A. Forked Lanyard

> Ref: SF-FWL-3601(D)(AS) <

Material: 44mm wide Antistatic Webbing.

Available in Length: 1.5m, 1.8m & 2.0m.

Attachment Elements: SF-1102 with Energy Absorber SF-EA-4400(AS) at one end and 2 Steel Scaffold Hook SF-1301 at other ends.

As per EN 354:2010 & 355:2002.

As per EN 13463-1:2009 and EN 13463-5:2003. Lanyard webbing also tested for surface resistance as per EN 1149-1:2006 and EN 1149-5:2008.

Weight : 1900 gms.



NoSpark Antistatic E.A. Lanyard

> Ref: SF-WLE-3208(AS) <

Material: 44mm wide Antistatic Webbing.

Available in Length: 1.0m, 1.5m, 1.8m & 2.0m.

Attachment Elements: SF-1102 with Energy Absorber SF-EA-4400(AS) at one end and Scaffold Hook SF-1301 at other end.

As per EN 354:2010 & EN 355:2002

As per EN 13463-1:2009 and EN 13463-5:2003. Lanyard webbing also tested for surface resistance as per EN 1149-1:2006 and EN 1149-5:2008.

Weight : 1100 gms.

Repels OIL, WATER & DUST
hence highly resistant to Abrasion & Wear



VIRAJ introduce REPELLON range of Harness and Lanyards specially designed for worker engaged in petro chemical and Oil industry.

The specialized Webbing of the REPELLON range is constructed from unique polyester webbing incorporating Repel Technology- a specialized coating which repels oil, dirt and water hence prevents their absorption on the webbing.

Ideal for use in:

A variety of application including petrochemical, painting, water treatment, food processing off shores and general industry.

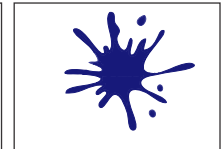
Repel Technology Persistent PERFORMANCE



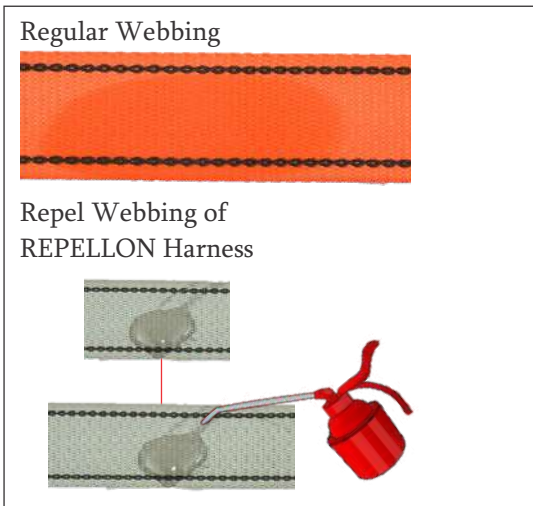
Oil Repellant



Water Repellant



Dust Repellant



- Significant Features:**
- ▶ Oil and Dirt repellant webbing provides excellent resistance from build up of Oil and Dirt.
 - ▶ Aluminum D-Rings and Stainless steel buckles/ Frames provides excellent corrosion resistance.
 - ▶ Highly UV resistant.
 - ▶ Deflects the dust, dirt or any unwanted material which causes abrasion hence is tear and cut resistant.
 - ▶ Easy to care for, wipes clean in seconds.
 - ▶ Increased durability and longevity.

Repellon All Purpose Harness

> Ref. SF-FBH(WPB02)-A-1056 (OR) <

- ▶ Attachment Elements- 1 Dorsal and 1 Sternal D-Ring for fall Arrest. 1 Ventral D-Ring At Waist level for ropes access work and 2 lateral D-Rings for work Positioning.
- ▶ Adaptability- Adjustable shoulder, thigh-straps and waist belt for extended comfort
- ▶ Removable X-back pad for shoulder straps provide extreme comfort
- ▶ As per EN 361:2002, EN 358:2018 & EN 813:2008.





Repellon Positioning Harness

> Ref. SF-COMBO-A-1044 (OR) <

- ▶ Attachment Elements- One chest attachment D-Ring and a Dorsal Attachment D-Ring for fall Arrest. Two Lateral attachment D-Ring for work positioning.
- ▶ Adaptability- Adjustable shoulder and thigh-straps.
- ▶ Soft padded work positioning belt give extreme working comfort and safety.
- ▶ As per EN 361:2002& EN 358:2018



Repellon Climbers Harness

> Ref. SF-FBH-A-1024 (OR) <

- ▶ Attachment Elements- 1 Chest Attachment D-Ring and a Dorsal attachment D-Ring for fall Arrest
- ▶ Adaptability- Adjustable shoulder and thigh-straps.
- ▶ As per EN 361:2002



Repellon Fall Arrest Lanyard

> Ref. SF-FWL(E)-3701(IS) (OR) <

- ▶ Specification: Expandable Forked fall arrest lanyard. Elastic in nature and prevents tripping hazard.
- ▶ Available Length: 1.4m to 1.6m (Relaxed Length), 2.0m (Expanded Length)
- ▶ Attachment Elements : Aluminum Snap Hook SF-1209 at one end & Aluminum Rebar Hooks SF-1306 at other ends
- ▶ As per EN 355:2002
- ▶ Also available in Single Leg Ref: SF-EEAWL-3909(IS)(A)(OR)
- ▶ Weight : 1840 gms.



Repellon Polep

> Ref. SF-WPL-2408 (OR) <

- ▶ Specification: Made from 44mm wide oil repellent webbing incorporated with 44mm tubular webbing for abrasion resistant
- ▶ Available Length: Adjustable upto 2.0mm
- ▶ Attachment Elements :Incorporated with Aluminum snap Hooks SF-1209 at both the end foe excellent corrosion resistant.
- ▶ As per EN 358:2018
- ▶ Weight : 600 gms.





FLAME RESISTANT HARNESS & LANYARD

SECURE FIRST Flame Resistant Range Harnesses & Lanyards have been specially designed for workers engaged in welding and Hot work at height. Webbing of the Flame Resistant Harness & Lanyards is made of a special fibre which is Flame Resistant and can withstand temperatures of upto 700°F / 371°C with out any damage.



Flame Resistant Full Body Harness

> **Ref: SF-FBH-A-1022(FR)** <

The Harness is provided with adjustable Chest, Shoulder & Thigh straps. Also comes with two front attachment textile loops in addition to the Dorsal D-ring for fall arrest.

This Harness As per EN 361 : 2002 The webbing is also tested in accordance with ISO 15025 : 2005 and assessed in accordance with ISO 9150:1988 and EN 13463-5:2003.



Dorsal



Sternal



1150 gms



25 kN

Breaking Strength



Flame Resistant Full Body Harness

> **Ref: SF-COMBO-A-1042(FR)** <

The Harness is provided with adjustable Chest, Shoulder & Thigh straps. Also comes with two front attachment textile loops in addition to the Dorsal D-ring for fall arrest.

2 lateral D-Ring at waist level on the sides for work positioning.

Soft Padding on Waist for extended comfort. ideally positioned sit-strap for long lasting comfort.

EN 361:2002, As per EN 358:2018, ISO 9150:1988 & ISO 15025:2005.

As per EN 358:2018, EN 361:2002, ISO 9150:1988 & ISO



Dorsal



Lateral



Sternal



2050 gms



25 kN

Breaking Strength



Flame Resistant Lanyard

> Ref: SF-FWL-2601 (FR) <

Material: 44mm wide Flame Resistant Webbing.

Consists of Karabiner (SF-1102) at one and Steel Scaffold Hook (SF-1301) at other ends.

Available length is 1.0m, 1.5m & 2.0m.

As per EN 354:2010, ISO 9150:1988 & ISO 15025:2005.

Weight : 1650 gms.



Flame Resistant E.A. Lanyard

> Ref: SF-FWL-3601(D)(FR) <

Material: 44mm wide Flame Resistant Webbing.

Energy absorber in 44mm wide webbing which reduces the impact of the fall to less than 6KN. Covered by a special flame resistant tubular sleeve.

Available length is 1.0m, 1.5m & 2.0m.

Consists of karabiner (SF 1102) with Energy Absorber SF-EA-4400(FR) at one end & two steel scaffold Hook (SF 1301) at other ends.

As per EN 355:202 and tested as per VG11 of PPE Directive 89/656/EEC, ISO9150:1988 & ISO 15025:2005.

Weight : 1900 gms.



Flame Resistant E.A. Forked Expandable Lanyard

> Ref: SF-FWL(E)-3701(D)(FR) <

Material: 44mm wide Flame Resistant Elasticated Webbing.

Energy absorber in 44mm wide webbing which reduces the impact of the fall to less than 6 kN. Covered by a special flame resistant tubular sleeve.

Expandable Length - 2.0 mtrs.

Relaxed Length - 1.4 mtrs.

Incorporated with Energy Absorber SF-EA-4400(FR) with one side Karabiner (SF-1102) & two Steel Scaffold Hooks SF-1301 at other ends.

As per EN 355:2002+VG 11/PFE63 (Additional Static Strength Test), ISO 9150:1988 & ISO 15025:2005.

Weight : 1950 gms.



Flame Resistant E. A. Lanyard

> Ref: SF-WLE-3208(FR) <

Material: 44mm wide Flame Resistant Webbing.

Consists of Karabiner (SF-1102) at one and Steel Scaffold Hook (SF-1301) at other end.

Available length is 1.0m, 1.5m & 2.0m.

As per EN 355:2002, ISO 9150:1988 & ISO 15025:2005.

Weight : 1100 gms.



Flame Resistant Work Positioning Lanyard with Ring Adjuster

> Ref: SF-WPL-2404(FR) <

Material: 30mm wide Flame Resistant Webbing.

Forged alloy steel ring - adjuster.

Maximum Length - 2 m.

Provided with screw locking Karabiner SF-1102 at both the ends for attachments.

As per EN 358:2018, ISO 9150:1988 & ISO 15025:2005.

Weight : 500 gms.



Flame Resistant Anchorage Sling

> Ref: SF-ES-8004(FR) <

Material: 44mm wide Flame Resistant Webbing.

Available Length is 1.0 m, 1.5m & 2.0m.

Equipped with steel D-Ring at both the ends.

Strength - Min 15kN.

As per EN 795:2012 Type B, ISO 9150:1988 & ISO 15025:2005.

Weight : 400 gms.

DIELECTRIC NON CONDUCTIVE HARNESS

SECURE FIRST Di electrical range of harnesses have been specially designed for workers working in conditions where there are possible electrical hazards. Special Insulated Dielectric D-Rings, Buckles and Frames are used in this range of harnesses.



Dielectric Non Conductive Harness

> Ref: SF-FBH-A-1022(DE) <

Special Dielectric D-Rings and all metal adjustment buckles are equipped with insulated covers to make it completely electrically insulated.

Consists of Non Conductive D-ring as Dorsal D-Ring attachment element and two front textile loops for fall arrest.

Shoulder straps are elasticated to provide flexibility to the user.

Compliance - As per EN 361: 2002.



Dorsal Lateral Sternal Weight 1300 gms Breaking Strength 25 kN



Dielectric Non Conductive Harness

> Ref: SF-COMBO-A-1042(DE) <

Special Dielectric D-Rings and all metal adjustment buckles are equipped with insulated covers to make it completely electrically insulated.

Consists of Non Conductive D-ring as Dorsal D-Ring attachment element for fall arrest along with two Non Conductive Lateral D-rings at waist level for work positioning. Also, equipped with two front textile loops for fall arrest.

Shoulder straps are elasticated to provide flexibility to the user.

Compliance - As per EN 361: 2002 and EN 358:2018



Dorsal Lateral Sternal Weight 2400 gms Breaking Strength 25 kN



> Ref :SF-3209(30) DE <

Material: 30mm wide Polyester webbing

Energy Absorber in 44 mm wide webbing which limits the impact of fall to less than 6kN

Consists of Dielectric Hooks SF-1606 at anchorage end & Dielectric Snap Hook SF-1702 at attachment end.

Available in lengths : 1.0m, 1.5m, 1.8m, 2.0m

As per EN 355:2002

Weight : 1200 gms.

> Ref :SF-3601(30) DE <

Material: 30mm wide Polyester webbing

Energy Absorber in 44 mm wide webbing which limits the impact of fall to less than 6kN

Consists of two Dielectric Hooks SF-1606 at anchorage end & Dielectric Snap Hook SF-1702 at attachment end.

Available in lengths : 1.0m, 1.5m, 1.8m, 2.0m

As per EN 355:2002

Weight : 1900 gms.



SECURE FIRST, introduces its Superior Series of Harnesses, the "EDGELINE" it's salient features being its Quick release buckles, easy to wear design, providing utmost comfort and protection to its user.



> **Ref: SF-FBH-M-1501** <

Attachment Elements - 2 Ideally Positioned Chest attachment textile loops and a Dorsal attachment D-Ring with bar for Fall Arrest.




Equipped with light weight powder coated D-Rings.



Adaptability - Fully adjustable shoulder, chest strap & thigh-straps.

Convenience - Shoulder straps have combination buckles chest strap & thigh straps are provided with automatic buckles for easy adjustment. Lanyard Keepers on shoulder straps have been provided for easy placement of free lanyards.

Ergonomics - Specially cushioned mesh net has been used for better shock absorption & comfort of the user.

As per EN 361:2002

 Dorsal
  Sternal
  **1600** gms Weight

 **25 kN**  Breaking Strength

> **Ref: SF-FBH-M-1502** <

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

Equipped with light weight powder coated D-Rings.

Adaptability - Adjustable shoulder, Chest and thigh-straps and waist belt.

Convenience - Shoulder straps have combination buckles Chest, thigh straps & waist straps are provided with automatic buckles for easy adjustment. 2 Tool holder loops are provided at the back. Lanyard Keepers on shoulder straps have been provided for easy placement of free lanyards.

Ergonomics - Ideally positioned sit-strap for extended comfort. Specially cushioned mesh net has been used for better shock absorption & comfort of the user.

As per EN 361:2002 & EN 358:2018.

 Dorsal
  Lateral
  Sternal
  **2350** gms Weight
  **25 kN**  Breaking Strength



Features of **EDGE LINE** Harnesses



1 I D Plate

This cross plate webbing holder helps to keep the D-ring with bar in place in event of a fall.



2 Shoulder Straps

These shoulder straps are padded with elastic 25mm mesh pads which provide the user extra comfort, hock, and sweat absorption.



3 Elastic Loops

It helps to keep the excess strap in place.



4 Automatic Buckles

Makes the opening and closing operation easy and can be used with a single hand making it highly user friendly.



5 Box Stitching

Provides extra strength to the joints and the unique stitching pattern makes the harness look more stylish.



6 Metal Components/ Parts

Hardware used is corrosion free, with required breaking strength.



7 Work Positioning Belt

Made with knitted mesh pads for extra comfort these belts have 2 Two) lateral D-ring with bar for lanyard attachment as well as loops for holding accessories.



8 Lateral D-rings

Work positioning lanyards attached to these D-rings for efficient working.



9 Thigh Straps

They are made with knitted mesh pads for extra comfort and shock absorption. They come with automatic buckles to make operations smooth and easy.

> **Ref: SF-FBH-M-1503** <

Attachment Elements - 1 Dorsal & 1 Sternal D- Ring with bar for Fall Arrest, 1 Ventral D- Ring at waist level in front for Rope Access & 2 lateral D-Rings at waist level on the sides for Work Positioning.

Equipped with light weight Aluminium D-Rings.

Adaptability - Adjustable shoulder, thigh-straps and waist belt

Convenience - Shoulder straps and thigh straps are provided with automatic buckles & waist strap has combination buckles for easy Lanyard Keepers on shoulder straps have been provided for easy placement of free lanyards.

Ergonomics - Ideally positioned elasticated straps for extended comfort. Specially cushioned mesh net has been used for better shock absorption & comfort of the user.

As per EN 361:2002, EN 358:2018 & EN 813:2008



Dorsal



Lateral



Sternal



Ventral



Weight



Breaking Strength



Sliding Plate
easy Adjustment



2 Chest attachment
Textile Loops



2 Chest attachment
D-Rings



Ref: SF-FBH-1010

A Dorsal attachment D-Ring for Fall Arrest.

Adjustable Chest-Strap and thigh-straps; for easy adjustment

Shoulder and thigh-straps Single colour scheme

Ideally positioned sit-strap for extended comfort

As per EN 361:2002.

Also Available with Extension Band - Ref: SF-FBH-1010(E)



Dorsal



900
gms



25 kN
Breaking
Strength



Ref: SF-FBH-1011

A Dorsal attachment D- Ring for Fall Arrest.

Adjustable Chest-Strap and thigh-straps; for easy adjustment

Shoulder and thigh-straps differentiated by a dual colour scheme

Ideally positioned sit-strap for extended comfort

As per EN 361:2002.

Also Available with Extension Band - Ref: SF-FBH-1011(E)



Dorsal



920
gms



25 kN
Breaking
Strength



Ref: SF-FBH-1012

2 Chest attachment textile loops and a Dorsal attachment D-Ring for Fall Arrest.

Adjustable thigh-straps

Shoulder and thigh-straps differentiated by a dual colour scheme

Ideally positioned sit-strap for extended comfort

As per EN 361:2002.

Also Available with Extension Band - Ref: SF-FBH-1012(E)



Dorsal



Sternal



1000
gms



25 kN
Breaking
Strength



Ref: SF-FBH-A-1021

A Dorsal attachment D- Ring for Fall Arrest.

Adjustable Chest-Strap and thigh-straps; for easy adjustment.

Shoulder and thigh-straps differentiated by a dual colour scheme.

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002.

Also Available with Extension Band - Ref: SF-FBH-A-1021(E)

Also Available with Automatic Buckles - Ref: SF-FBH-A-1021(AB)



Dorsal



1110 gms

Weight



25 kN
Breaking Strength



Ref: SF-FBH-A-1022

2 Chest attachment textile loops and a Dorsal attachment D-Ring for Fall Arrest.

Adjustable shoulder, Chest and thigh-straps.

Shoulder and thigh-straps differentiated by a dual colour scheme.

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002.

Also Available with Extension Band - Ref: SF-FBH-A-1022(E)



Dorsal



Sternal



1250 gms

Weight



25 kN
Breaking Strength



Ref: SF-FBH-A-1023

2 Chest attachment D-rings and a Dorsal attachment D-Ring for Fall Arrest.

Adjustable Shoulder, Chest-Strap and thigh-straps; for easy adjustment

Shoulder and thigh-straps differentiated by a dual colour scheme.

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002.

Also Available with Extension Band - Ref: SF-FBH-A-1023(E)

Also Available with Automatic Buckles - Ref: SF-FBH-A-1023(AB)



Dorsal



Sternal



1360 gms

Weight



25 kN
Breaking Strength



Automatic Buckles
(Option)



Ventral attachment
for Rope Access



Extension Rescue Strap



> Ref: SF-FBH-A-1024 <

1 Chest attachment D-Ring and a Dorsal attachment D-Ring for Fall Arrest

Adjustable Chest and thigh-straps.

Shoulder and thigh-straps differentiated by a dual colour scheme

Ideally positioned sit-strap for extended comfort

As per EN 361:2002

Also Available with Extension Band - Ref: SF-FBH-A-1024(E)

Also Available with Automatic Buckles - Ref: SF-FBH-A-1024(AB)






Dorsal Sternal Weight Breaking Strength



> Ref: SF-FBRH-1025 <

1 Chest attachment D-Ring and a Dorsal attachment D-Ring for Fall Arrest; Extension Rescue strap with top D-Ring for Rescue.

Adjustable Chest and thigh-straps.

Shoulder and thigh-straps differentiated by a dual colour scheme

Ideally positioned sit-strap for extended comfort

Compliance - As per EN 361:2002 and EN 1497

Also Available with Extension Band - Ref: SF-FBRH-1025(E)







Rescue Dorsal Sternal Weight Breaking Strength

The Extension Rescue Strap incorporated on the shoulder strap of the Harness has a D-ring which can be used to connect to the Rescue Equipment, when in need. It allows easy rescue of the worker, and minimizes his discomfort while being rescued. The Extension Rescue Strap otherwise lies attached to the shoulder strap with the help of velcro binding, when not in use.

COMFORTLINE



Ref: SF-COMBO-1031

Combination of SF-FBH-1011+SF-WPB-1001

A Dorsal attachment D-Ring for Fall Arrest. 2 Lateral D-Rings for Work Positioning

Adjustable waist belt, Chest-Strap and thigh-straps; for easy adjustment

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

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002& EN 358:2018.

Also Available with Extension Band - Ref: SF-COMBO-1031(E)



Dorsal



Lateral



1700 gms

Weight



25 kN

Breaking Strength



Ref: SF-COMBO-1032

Combination of SF-FBH-1012+SF-WPB-1001

2 Chest attachment textile loops and a Dorsal attachment D- Ring for Fall Arrest. 2 Lateral D- Rings for Work Positioning.

Adjustable thigh-straps and waist belt.

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

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002 & EN 358:2018.

Also Available with Extension Band - Ref: SF-COMBO-1032(E)



Dorsal



Lateral



Sternal



1800 gms

Weight



25 kN

Breaking Strength



Ref: SF-COMBO-A-1041

Combination of SF-FBH-A-1021+SF-WPB-1001

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

Adjustable waist belt, Chest-Strap and thigh-straps; for easy adjustment.

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

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002 & EN 358:2018.

Also Available with Extension Band - Ref: SF-COMBO-A-1041(E)



Dorsal



Lateral



1900 gms

Weight



25 kN

Breaking Strength

COMFORTLINE



2 Chest attachment
Textile Loops



2 Chest attachment
D-Rings



One Chest attachment
D-Ring



Ref: SF-COMBO-A-1042

Combination of SF-FBH-A-1022+SF-WPB-1001

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

Adjustable thigh-straps and waist belt.

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

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002 & EN 358:2018.

Also Available with Extension Band - Ref: SF-COMBO-A-1042(01)(E)



Dorsal Lateral Sternal Weight

25 kN Breaking Strength



Ref: SF-COMBO-A-1043

Combination of SF-FBH-A-1023+SF-WPB-1001

2 Chest attachment D-Rings and a Dorsal attachment D-Ring for Fall Arrest. 2 Lateral D-Rings for Work Positioning.

Adjustable shoulder, waist belt, Chest-Strap and thigh-straps; for easy adjustment

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

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002 & EN 358:2018.

Also Available with Extension Band - Ref: SF-COMBO-A-1043(01)(E)



Dorsal Lateral Sternal Weight

25 kN Breaking Strength



Ref: SF-COMBO-A-1044

Combination of SF-FBH-A-1024+SF-WPB-1001

One Chest attachment D-Ring and a Dorsal attachment D-Ring for Fall Arrest. Two Lateral attachment D-Rings for Work Positioning.

Adjustable shoulder and thigh-straps

Shoulder and thigh-straps differentiated by a dual colour scheme.

Ideally positioned sit-strap for extended comfort.

As per EN 361:2002 & EN 358:2018.

Also Available with Extension Band - Ref: SF-COMBO-A-1044(01)(E)



Dorsal Lateral Sternal Weight

25 kN Breaking Strength



ULTRA LINE

Specially for Towers



One Sternal D-ring for Fall Arrest



One Ventral D-ring at waist level for Rope Access work



One Ventral D-ring at waist level for Rope Access work



Soft Padding on Shoulder, Waist and Leg Straps for an extended comfort (both the Harnesses)



Ref: SF-FBH(WPB02)-A-1056



Ref: SF-FBH(WPB02)-A-1057

SIT HARNESS



Ref: SF-SH-1051

2 Lateral Metallic D-Rings for Work Positioning. 1 front Ventral attachment (Metallic D-Ring) for Rope Access

Adjustable thigh-straps and waist belt

Ideal for Work Positioning, Restraint System and Rope Access work

The waist belt and the leg straps are provided with a soft padding for best possible comfort

As per EN 358:2018 & EN 813 : 2008



Ventral Lateral Weight 1550 gms Breaking Strength 25 kN

1 Dorsal and 1 Sternal D-ring for Fall Arrest. 1 Ventral D-ring at waist level for Rope Access work and 2 Lateral D-rings for Work Positioning.

Adjustable shoulder, thigh-straps and waist belt.

An ideal combination of Fall Arrest, Work Positioning, Rescue and Rope Access applications.

Soft padding on shoulder, waist and leg straps for an extended comfort.

As per EN 361:2002, EN 358:2018 & EN 813:2008.

Also Available with Extension Band - Ref: SF-FBH(WPB02)-A-1056(E)



Dorsal Lateral Sternal Ventral Weight 2300 gms Breaking Strength 25 kN

1 Dorsal D-ring for Fall Arrest, 1 Ventral D-ring at waist level in front for Rope Access & 2 lateral D-rings at waist level on the sides for Work Positioning.

Adjustable shoulder, thigh-straps and waist belt.

An ideal combination of Fall Arrest, Work Positioning, Rescue & Rope Access applications .

Soft padding on shoulder, waist and leg straps for an extended comfort.

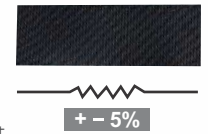
As per EN 361:2002, EN 358:2018 & EN 813:2008.

Also Available with Extension Band - Ref: SF-FBH(WPB02)-A-1057(E)



Dorsal Lateral Sternal Ventral Weight 2450 gms Breaking Strength 25 kN

FLEXI LINE



SECURE FIRST Flexi Line Constitutes Special stretchable Harnesses designed for total wearer comfort. Designed for users who are looking for high comfort, the Elastic Webbing used in these Harnesses provides great freedom of movement, allowing the wearer to twist and flex freely during long hours of work.



Automatic Buckles
(Option)



> Ref: SF-FBH-ELA-1074 <

A Sternal attachment D-Ring and a Dorsal attachment D-Ring for Fall Arrest.

Adjustable shoulder, Chest and thigh straps

Metal components made up of Stainless Steel for excellent corrosion protection.

Made of Elastic Webbing for more comfort.

As per EN 361:2002



Dorsal

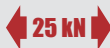


Sternal



1450
gms

Weight



25 kN

Breaking
Strength



Automatic Buckles
(Option)



> Ref: SF-COMBO-ELA-1094 <

A Sternal attachment D-Ring and a Dorsal attachment D-Ring for Fall Arrest

Adjustable shoulder, Chest and thigh straps

To be used for both Work Positioning and Fall Arrest purposes

Metal components made up of Stainless Steel for excellent corrosion protection

Made of Elastic webbing for more comfort.

As per EN 361: 2002 & EN 358:2018



Dorsal



Lateral



Sternal



2400
gms

Weight



25 kN

Breaking
Strength

JACKET HARNESS



> Ref: SF-FBJH-1012(OR) <

Attachment Elements - 2 Chest attachment Textile Loops, A Dorsal attachment D-Ring for Fall Arrest.

Adaptability - Adjustable Thigh & Chest Straps.

Harness is equipped with easy to wear Jacket (made of fluoro-orange water-repellent cotton fabric).

Convenience - Metal Components made up of steel.

As per EN 361:2002.



Dorsal



Sternal



Weight



Breaking Strength



> Ref: SF-FBJH-1012 (GR) <



> Ref: SF-FBJH-1012 (G) <

LINEMAN SAFETY BELT

> Ref : SF-LSB-1000 <

Belt:50mm x 1.2M Polyester belt

Rope:14mm x 1.5M Polyamide rope

Buckle & Frame x1

Double Lock Snap hook x 1

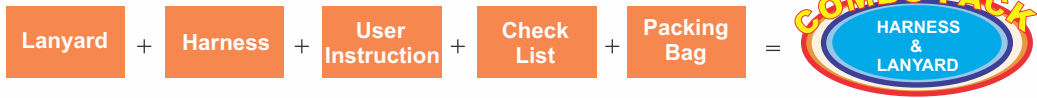
D-ring x 2

Rope Grab x1

Karabiner x1

Weight : 1350 gms.





Single Lanyard Combo



Ref: SF-NWFL-3208
 (For Lanyard Details Refer page-44)

+
 (Choice of any Below Harness)

> Ref: SF-FBH-1010 <



(Harness Details Refer page-25)
 Combo Pack
 Ref:-SF-CP-320810

> Ref: SF-FBH-1011 <



(Harness Details Refer page-25)
 Combo Pack
 Ref:-SF-CP-320811

> Ref: SF-FBH-1012 <

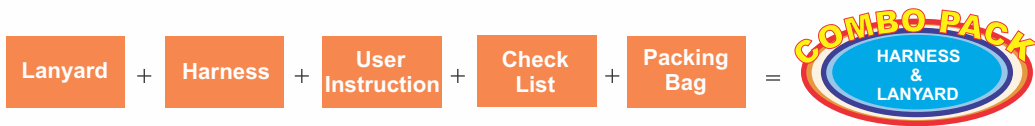


(Harness Details Refer page-25)
 Combo Pack
 Ref:-SF-CP-320812

> Ref: SF-FBH-A-1021 <



(Harness Details Refer page-26)
 Combo Pack
 Ref:-SF-CP-320821



Double Lanyard Combo



Ref: SF-NWFL-3601
(For Lanyard Details Refer page-44)

+

(Choice of any Below Harness)

> Ref: SF-FBH-1010 <



(Harness Details Refer page-27)
Combo Pack
Ref:-SF-CP-360110

> Ref: SF-FBH-1011 <



(Harness Details Refer page-27)
Combo Pack
Ref:-SF-CP-360111

> Ref: SF-FBH-1012 <



(Harness Details Refer page-27)
Combo Pack
Ref:-SF-CP-360112

> Ref: SF-FBH-A-1021 <



(Harness Details Refer page-28)
Combo Pack
Ref:-SF-CP-360121

ENERGY ABSORBER

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 clear protective covering helps in easy and fast visual inspection.



Ref: SF-EA-3000

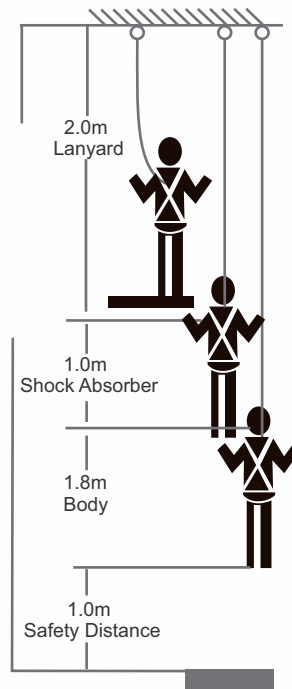
SECURE FIRST Nano Energy Absorber SF-EA-3000 is made up of 30mm wide webbing and is shrink wrapped. Reduces the impact of fall to less than 6kN, and as per EN 355:2002. These are compact in size & light weight.



Ref: SF-EA-4400

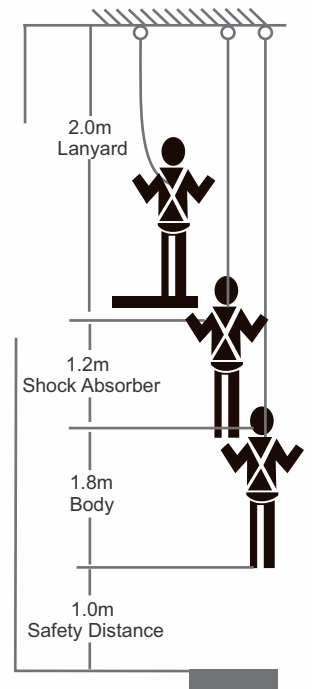
SECURE FIRST Energy Absorber SF-EA-4400 is made up of 44mm wide webbing and is shrink wrapped. It reduces the impact of fall to less than 6kN, and as per EN 355:2002

Energy Absorber
Ref: SF-EA-3000



Total Clearance Distance from
Anchor Point = 5.8m

Energy Absorber
Ref: SF-EA-4400



Total Clearance Distance from
Anchor Point = 6.0m

The Energy Absorber opens up to an additional length of about 110 cm, and hence the worker should always make sure that there is enough safe clear distance below his area of work. (SECURE FIRST recommends a safe clear distance of 6m for a 2m Energy Absorbing Lanyard)

HOW DOES THE ENERGY ABSORBER WORK

SECURE FIRST Energy Absorbers are designed to be incorporated in fall arrest or travel restraint system.

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

The purpose of the Energy Absorber is to lower the impact force experienced in a fall by dissipating the Kinetic Energy and controlling deceleration. The Energy Absorbing device is made of a specially woven Tear Webbing that elongates through on its weave and stitching. This action limits the impact force to less than 6kN.

For further information refer to the "User & Maintenance instructions".

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.

LANYARD

TOOL LANYARD

INTERNAL SHOCK ABSORBING LANYARD

FALL ARREST LANYARD

FORKED LANYARD WITH ENERGY ABSORBER

RESTRAINT LANYARD

EXPANDABLE LANYARD

FORKED LANYARD WITHOUT ENERGY ABSORBER

ELASTICATED WEBBING LANYARD

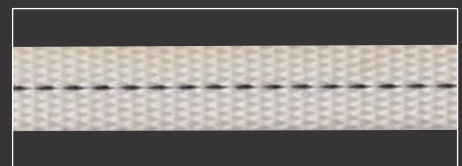
WORK POSITIONING LANYARD



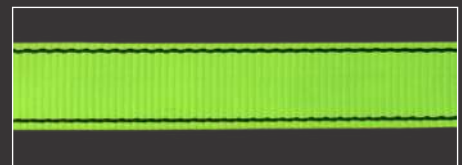
Twisted Rope



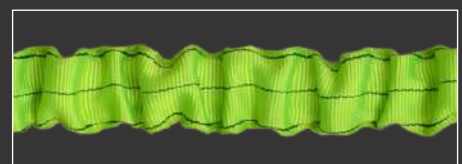
Kernmantle Rope



Polyester Webbing (U/D)



Polyester Webbing



Tubular Webbing



TOOL LANYARDS

The SECURE FIRST Fall Protection Tool Lanyard with Mini Twist Locking Carabineer is incredibly light weight, and is ideal for the secure transportation of tools during work. It is certified to carry tools upto 20 pounds in combined weight, and can be installed to a tool belt or around the wrist. The Mini Twist Locking Carabineer is self-closing and self-locking, and helps reduce the risk of injuries from falling tools.



Ref: SF-TL-1001

Polyester Elasticated Webbing 20 mm
 Lock Stitching at both ends for extra security
 Mini Aluminium carabiners for corrosian resistance
 Maximum safe working capacity : 15 lbs. (6.8 kg)
 Length 42 - 54 " (107 - 137 cm) at full extension
 Colour : Black webbing with centre red line or As required.
 Weight : 46 gms



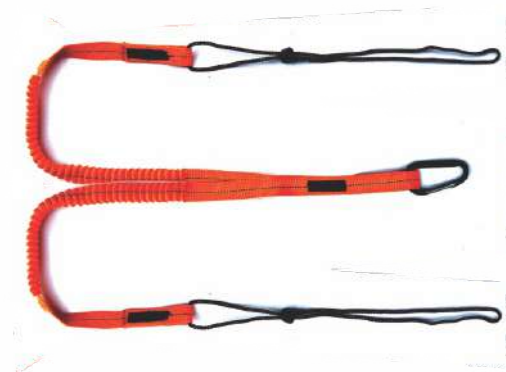
Ref: SF-TL-1002

Polyester Elasticated Webbing 20 mm
 Lock Stitching at both ends for extra security
 Mini Aluminium carabiners for corrosian resistance
 Adjustable barrel lock for tool attachment
 Maximum safe working capacity : 10 lbs. (4.6 kg)
 Length 35 - 42 " (89 - 107 cm) at full extension
 Colour : Black webbing with centre red line or As required.
 Weight : 48 gms



Ref: SF-TL-1003

Polyester Elasticated Webbing 20 mm
 Lock Stitching at both ends for extra security
 Mini Aluminium carabiners for corrosian resistance
 Adjustable barrel lock for tool attachment
 Modular quick connecting buckle for exchanging multiple tools
 Maximum safe working capacity : 5 lbs. (2.25 kg)
 Length 35 - 42 " (89 - 107 cm) at full extension
 Colour : Black webbing with centre red line or As required.
 Weight : 55 gms



Ref: SF-TL-1004

This Lanyard comes as a black colored 20 mm tubular webbing having a relaxed length of 85 cm (so that the Lanyard does not unnecessarily come in the way while working), and extended length of 135 cm (to allow maximum reach while using the tool).
 The Y-shaped Lanyard allows the user to attach and carry 2 tools.
 The Lanyard can be easily attached to the waist belt of the Harness with the help of a light-weight Karabiners.
 Convenient Y-stretch Lanyard for tool holding.
 Provide with a light weight Karabiner for attachment to user's belt
 Can hold Tools up to 10 Kg, Weight : 67 gms.

SF-TL-1001(1119)



SF-TL-1001(1112)



SF-TL-1001(1108)



SF-TL-1002(1119)



SF-TL-1002(1112)



SF-TL-1002(1108)



SF-TL-1003(1119)



SF-TL-1003(1112)



SF-TL-1003(1108)



SF-TL-1004(1119)



SF-TL-1004(1112)



SF-TL-1004(1108)



Also Available in more color and connectors

These Lanyards come with **Energy Absorption feature incorporated within their core**, they do not require any additional Energy Absorber Pack, hence are **lighter in weight**.

These Lanyards 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 Lanyards thereby reducing trip hazards.

- They are available in Relaxed lengths 1.4m, 1.6m, Expanded Length 2.0m.
- Variety of hooks and connectors are available for connection on both anchorage and termination end.
- All Lanyards with different combinations of connectors mentioned below are individually certified as per EN 355:2002.

INTERNAL SHOCK ABSORBING EXPENDABLE LANYARD



Reference No.	SF-EAWL-3901(IS)	SF-EAWL-3902(IS)	SF-EAWL-3903(IS)	SF-EAWL-3904(IS)	SF-EAWL-3905(IS)
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201

Reference No.	SF-EAWL-3906(IS)	SF-EAWL-3907(IS)	SF-EAWL-3908(IS)	SF-EAWL-3909(IS)
Side - 1	Loop	SF-1201	SF-1102	SF-1201
Side - 2	SF-1301	SF-1102	SF-1301	SF-1301

EXPANDABLE INTERNAL SHOCK ABSORBING TWIN LANYARDS

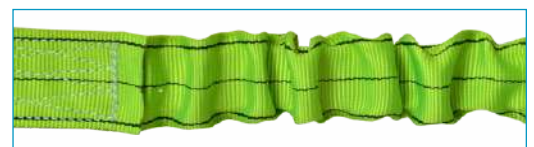
These Lanyard are ideal for use in conditions where there are chances of the user tripping over the Lanyard. The Elastic nature of the Lanyard reduces the actual effective length of the Lanyard thereby reducing trip hazards.

Expandable internal shock absorbing twin lanyards

Ref: SF-FWL(E)-3701(IS)

- † Made of 44mm Tubular webbing.
- † Relaxed Length 1.4m to 1.6m & Expanded length 2.0m.
- † As per EN 355:2002.
- † Weight : 1840 gms.

Attachments : SF-1102 at one end and two Steel Scaffold Hooks SF-1301 at other ends

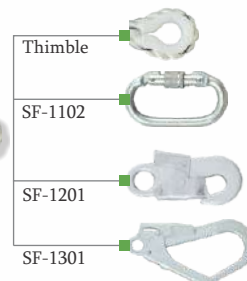
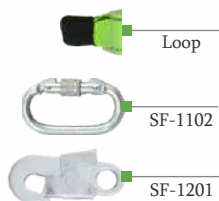


ENERGY ABSORBING LANYARDS

When working at height, your confidence in the strength, durability and construction of your fall arrest lanyard are at the forefront of SECURE FIRST mission. We offer a wide range of energy-absorbing lanyards designed to meet a variety of industry applications. These products have been developed and tested to meet many fall protection performance standards as well as your own expectations.

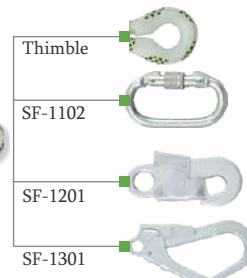
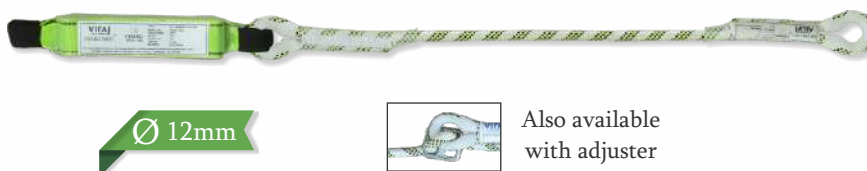
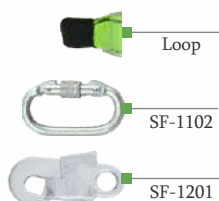
- Twisted, Kernmantle, & Webbing rope lanyards are available in lengths 1.0m, 1.5m, 1.8m, and 2.0m & incorporated with an Energy Absorber pack.
- The Expendable lanyard are Relaxed lengths 1.4m, Expanded Length 2.0m.
- Variety of hooks and connectors are available for connection on both anchorage and termination end.
- All Lanyards with different combinations of connectors mentioned below are individually certified as per EN 355:2002.
- Minimum Breaking Strength of 22 kN.

ENERGY ABSORBING TWISTED ROPE LANYARD



Reference No.	SF-RLE-3001	SF-RLE-3002	SF-RLE-3003	SF-RLE-3004	SF-RLE-3005	SF-RLE-3006*	SF-RLE-3007	SF-RLE-3008*	SF-RLE-3009*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301

ENERGY ABSORBING KERNMANTLE ROPE LANYARD



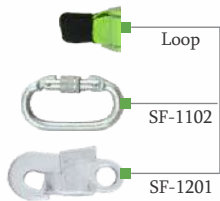
Reference No.	SF-BRLE-3801	SF-BRLE-3802	SF-BRLE-3803	SF-BRLE-3804	SF-BRLE-3805	SF-BRLE-3806*	SF-BRLE-3807	SF-BRLE-3808*	SF-BRLE-3809*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301



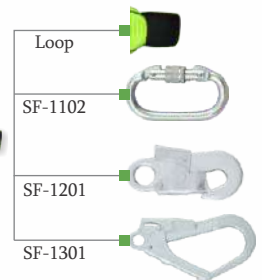
* Also available with Aluminium Scaffold Hook SF-1306 in place of Steel Scaffold Hook SF-1301. The Ref. No. of the lanyards will be SF-RLE-3006(A), SF-RLE-3008(A) & SF-RLE-3009(A)



ENERGY ABSORBING WEBBING LANYARD

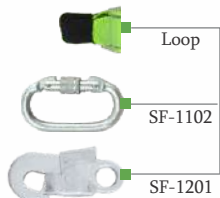


44mm
WEBBING



Energy Absorbing Webbing Lanyard (44mm)

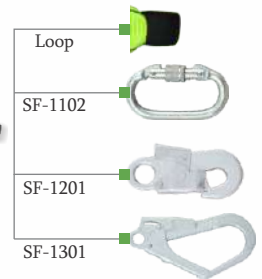
Reference No.	SF-WLE-3201	SF-WLE-3202	SF-WLE-3203	SF-WLE-3204	SF-WLE-3205	SF-WLE-3206*	SF-WLE-3207	SF-WLE-3208*	SF-WLE-3209*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301



30mm
WEBBING



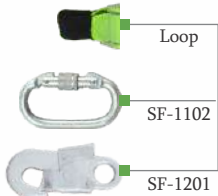
Also available
with adjuster



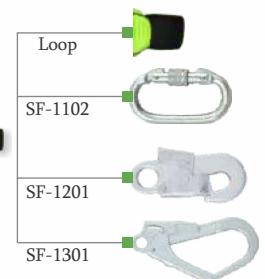
Energy Absorbing Webbing Lanyard (30mm)

Reference No.	SF-NWLE-9201	SF-NWLE-9202	SF-NWLE-9203	SF-NWLE-9204	SF-NWLE-9205	SF-NWLE-9206*	SF-NWLE-9207	SF-NWLE-9208*	SF-NWLE-9209*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301

ENERGY ABSORBING EXPANDABLE LANYARD



44mm
WEBBING



Reference No.	SF-EAWL-3901	SF-EAWL-3902	SF-EAWL-3903	SF-EAWL-3904	SF-EAWL-3905	SF-EAWL-3906*	SF-EAWL-3907	SF-EAWL-3908*	SF-EAWL-3909*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301



* Also available with Aluminium Scaffold Hook SF-1306 in place of Steel Scaffold Hook SF-1301. The Ref. No. of the lanyards will be SF-WLE-3206(A), SF-WLE-3208(A) & SF-WLE-3209(A)

FORKED LANYARDS WITH ENERGY ABSORBING

SECURE FIRST Energy Absorbing Forked Lanyards comes in Twisted Rope, Kernmantle Rope and also in 44mm & 30mm wide Polyester webbing, and offer the facility to move in all directions while remaining safely anchored at all times.



Also available with adjuster



Ref: SF-FBRL-3401*

Made of Polyamide Kernmantle Rope (Dia 12mm)

Length of 1.5 m, 1.8 m, 2.0 m

SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.

As per EN 355:2002

Weight : 1900 gms.



Ref: SF-FBRL-3401 (D)

Ref: SF-FRL-3501*

Made of 12mm dia 3 strands Twisted polyester Rope

Length of 1.5 m, 1.8 m, 2.0 m

SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.

As per EN 355:2002

Weight 1950 gms.



Ref: SF-FRL-3501 (D)

Ref: SF-FRL-3502

Made of 12mm dia 3 strands Twisted polyester Rope

Length of 1.5 m, 1.8 m, 2.0 m

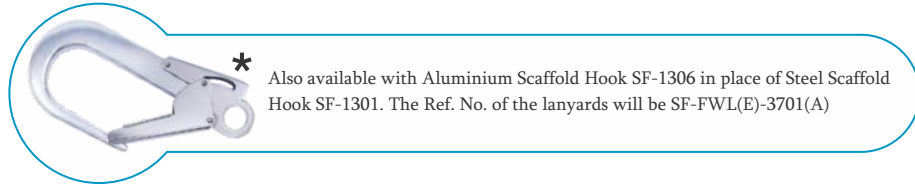
SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Snap Hooks SF-1201 at other ends.

As per EN 355:2002

Weight : 1600 gms.



Ref: SF-FRL-3502 (D)



Ref: SF-NWFL-3601(UD)

Made of 30mm wide Polyester webbing
 Length of 1.5 m, 1.8 m, 2.0 m
 SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 355:2002
 The Energy Absorber pack used is SF-EA-4400 (However SF-EA-3000 also available on request) (Ref-SF-NWFL-3601(N) when using SF-EA-3000 Energy Absorber pack)
 Weight : 1700 gms.



(Option)

Ref: SF-NWFL-3601

Made of 30mm wide Polyester webbing
 Length of 1.5 m, 1.8 m, 2.0 m
 SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 355:2002
 The Energy Absorber pack used is SF-EA-4400 (However SF-EA-3000 also available on request) (Ref-SF-NWFL-3601(N) when using SF-EA-3000 Energy Absorber pack)
 Weight : 1750 gms.



Ref: SF-NWFL-3601 (D)

Ref: SF-FWL-3601(D)

Made of 44mm wide Polyester webbing
 Length of 1.5 m, 1.8 m, 2.0 m
 SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 355:2002
 The Energy Absorber pack used is SF-EA-4400 (However SF-EA-3000 also available on request) (Ref: SF-FWL-3601(N) when using SF-EA-3000 Energy Absorber pack)
 Weight : 1900 gms.



Ref: SF-FWL-3601

Ref: SF-FWL(E)-3701(D)

Made of 44mm wide Polyester Tubular webbing
 Relaxed Length 1.4 m and Expandable length 2.0 m
 SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 355:2002
 Weight : 1850 gms.



Ref: SF-FWL(E)-3701


RESTRAINT LANYARDS

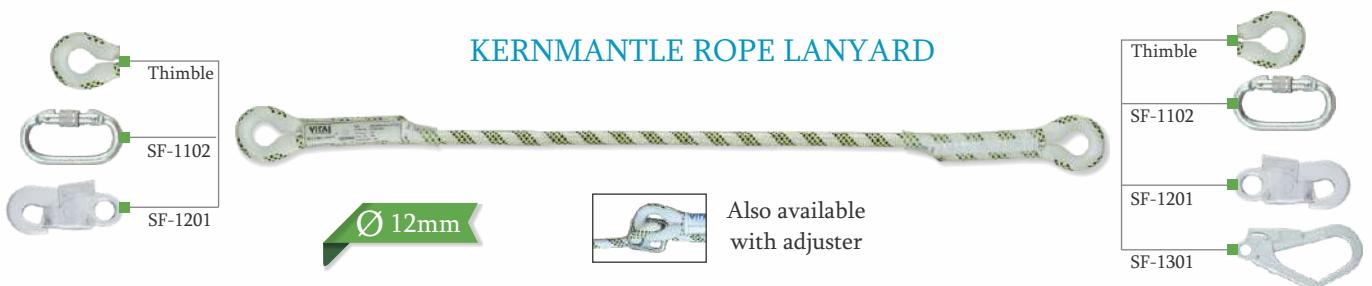
SECURE FIRST provide you with an option to customize your restraint as per your own job specific needs.

- Twisted, Kernmantle, & Webbing rope lanyards are available in lengths 1.0m, 1.5m, 1.8m, and 2.0m.
- The Expendable lanyard are Relaxed lengths 1.4m, Expanded Length 2.0m.
- Variety of hooks and connectors are available for connection on both anchorage and termination end.
- All Lanyards with different combinations of connectors mentioned below are individually certified as per [EN 354:2010](#).
- Minimum Breaking Strength of 22 kN.




Reference No.	SF-RL-2001	SF-RL-2002	SF-RL-2003	SF-RL-2004	SF-RL-2005	SF-RL-2006*	SF-RL-2007	SF-RL-2008*	SF-RL-2009*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301

 * Also available with Aluminium Scaffold Hook SF-1306 in place of Steel Scaffold Hook SF-1301. The Ref. No. of the lanyards will be SF-RL-2006(A), SF-RL-2008(A), SF-RL-2009(A)



Reference No.	SF-BRL-2801	SF-BRL-2802	SF-BRL-2803	SF-BRL-2804	SF-BRL-2805	SF-BRL-2806*	SF-BRL-2807	SF-BRL-2808*	SF-BRL-2809*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301

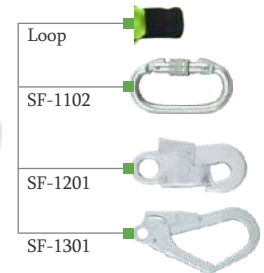
 * Also available with Aluminium Scaffold Hook SF-1306 in place of Steel Scaffold Hook SF-1301. The Ref. No. of the lanyards will be SF-BRL-2806(A), SF-BRL-2808(A), SF-BRL-2809(A)



WEBBING LANYARD

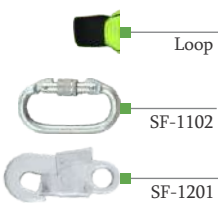


44mm
WEBBING



Webbing Lanyard (44mm)

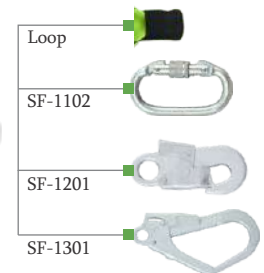
Reference No.	SF-WL-2201	SF-WL-2202	SF-WL-2203	SF-WL-2204	SF-WL-2205	SF-WL-2206*	SF-WL-2207	SF-WL-2208*	SF-WL-2209*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301



30mm
WEBBING

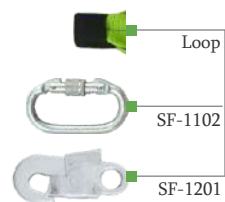


Also available
with adjuster



Webbing Lanyard (30mm)

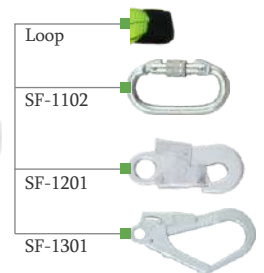
Reference No.	SF-NWL-7201	SF-NWL-7202	SF-NWL-7203	SF-NWL-7204	SF-NWL-7205	SF-NWL-7206*	SF-NWL-7207	SF-NWL-7208*	SF-NWL-7209*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301



EXPANDABLE LANYARD



44mm



Reference No.	SF-EWL-2901	SF-EWL-2902	SF-EWL-2903	SF-EWL-2904	SF-EWL-2905	SF-EWL-2906*	SF-EWL-2907	SF-EWL-2908*	SF-EWL-2909*
Side - 1	Loop	Loop	SF-1102	Loop	SF-1201	Loop	SF-1201	SF-1102	SF-1201
Side - 2	Loop	SF-1102	SF-1102	SF-1201	SF-1201	SF-1301	SF-1102	SF-1301	SF-1301



*

Also available with Aluminium Scaffold Hook SF-1306 in place of Steel Scaffold Hook SF-1301.
The Ref. No. of the lanyards will be SF-EWL-2906(A), SF-EWL-2908(A), SF-EWL-2909(A)



FORKED LANYARDS WITHOUT ENERGY ABSORBER



Ref: SF-FBRL-2301

Made of Kernmantle Rope of dia 12mm.
 Length 1.5m, 1.8m, 2.0m.
 SF-1102 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 354:2010.
 Weight : 1650 gms.



Ref: SF-FRL-2501

Made of 12mm Dia 3 strands Twisted Polyamide Rope.
 Length 1.5m, 1.8m, 2.0m.
 SF-1102 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 354:2010.
 Weight : 1550 gms.



Ref: SF-FWL-2601

Made of 44 mm Polyester Webbing.
 Length 1.5m, 1.8m, 2.0m.
 SF-1102 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 354:2010.
 Weight : 1800 gms.



Ref: SF-NWFL-2601

Made of 30mm wide Polyester Webbing.
 Length 1.5m, 1.8m, 2.0m.
 SF-1102 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 354:2010.
 Weight : 1700 gms.



Ref: SF-EWL-3908

Single Elasticated Lanyard
 Made of 35 mm wide Elasticated webbing
 Relaxed Length 1.4 m and Expandable length 2.0 m
 SF-1102 with Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 354:2010
 Weight : 850 gms.



Ref: SF-FEWL-3701

Double Elasticated Lanyard
 Made of 35 mm wide Elasticated webbing
 Relaxed Length 1.4 m and Expandable length 2.0 m
 SF-1102 with Energy Absorber SF-EA-4400 at one end and two Steel Scaffold Hooks SF-1301 at other ends.
 As per EN 355:2002
 Weight : 1750 gms.

WORK POSITIONING LANYARDS

SECURE FIRST has a comprehensive and customized 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 their lengths to suit the application.

- ♦ SECURE FIRST Work Positioning Lanyards are tested and CE certified as per EN 358:2018.
- ♦ Breaking Strength min 15 KN.
- ♦ As per EN 358:2018

Optional Protective Sleeve on request on all above models except SF-WPL-2404



Ref: SF-WPL- 2401(PR)

Work Positioning Lanyard with Ring type Adjuster

Ref: SF-WPL- 2401

- ♦ Made of 12mm dia polyester 3-strand Twisted Rope.
- ♦ Has a manual Ring-type adjuster of forged alloy Steel.
- ♦ Maximum length of 2.0 mtr.
- ♦ Easy to connect Steel Karabiners -SF-1102 at both the ends for attachment.
- ♦ Also available with a 30cm long protective Covering Sleeve SF-2401 (PR)
- ♦ Weight : 660 gms.



Ref: SF-WPL- 2402(PR)

Work Positioning Lanyard with Grip Adjuster

Ref: SF-WPL- 2402

- ♦ Made of 12mm dia polyester 3-strand Twisted Rope
- ♦ Has a convenient Rope-grab adjuster for easy length adjustment
- ♦ Maximum length of 2.0 mtr.
- ♦ Easy to connect Steel Karabiners SF-1102 at both the free ends for attachment
- ♦ Also available with a 30cm long protective Covering Sleeve SF-2402 (PR)
- ♦ Weight : 1150 gms.

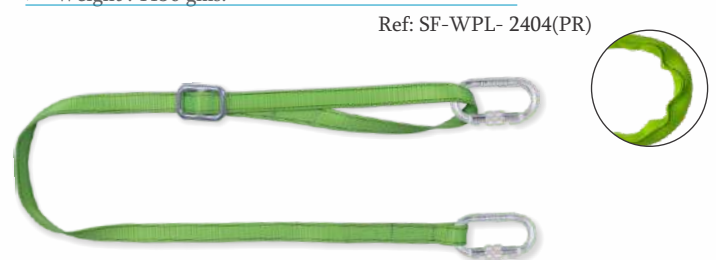


Ref: SF-WPL- 2403(PR)

Work Positioning Lanyard with Grip Adjuster

Ref: SF-WPL-2403

- ♦ Made of 12 mm dia Polyamide Kernmantle rope
- ♦ Has a convenient Rope-grab adjuster for easy length adjustment
- ♦ Maximum Length 2 mtr.
- ♦ Easy to connect Steel Karabiners SF-1102 at both ends for attachment
- ♦ Also available with a 30cm long protective Covering Sleeve SF-2403 (PR)
- ♦ Weight : 1100 gms..



Ref: SF-WPL- 2404(PR)

Webbing Work Positioning Lanyard

Ref: SF-WPL- 2404

- ♦ Made of 30mm wide polyester webbing
- ♦ Manual Ring type adjuster of forged alloy steel
- ♦ Easy to connect Steel Karabiner SF-1102 at both the ends for attachment
- ♦ Maximum length of 2.0 mtr.
- ♦ Also available with a 30cm long protective Covering Sleeve SF-2404 (PR)
- ♦ Weight : 590 gms.



Ref: SF-WPL- 2405(PR)

Work Positioning Lanyard with Ring Adjuster

Ref: SF-WPL-2405

- ♦ Made up of 12mm dia for polyamide Kernmantle rope
- ♦ Easy to connect Steel Karabiner SF-1102 at both the ends for attachment
- ♦ Manual Ring type adjuster made of forged alloy steel
- ♦ Maximum length of 2.0 mtr.
- ♦ Also available with a 30cm long protective Covering Sleeve SF-2405 (PR)
- ♦ Weight : 680 gms.



Ref: SF-WPL- 2406(PR)

Work Positioning Lanyard with Ring Adjuster

Ref: SF-WPL-2406

- ♦ Made up of 12mm dia for polyamide 3 strand twisted rope
- ♦ Eq uipped with convenient Stainless Steel Rope Grab adjuster for easy length adjustment.
- ♦ Easy to connect Steel Karabiner SF-1102 at both the ends for attachment
- ♦ Manual Ring type adjuster made of forged alloy steel
- ♦ Maximum length of 2.0 mtr.
- ♦ Also available with a 30cm long protective Covering Sleeve SF-2406 (PR)
- ♦ Weight : 630 gms.



ANCHORAGE

SECURE FIRST provides anchorage made of webbing sling of various configurations, the length of which can be altered as per requirement.



ANCHORAGE WEBBING SLING

Ref: SF-ES-8003

Made up of 44mm wide Polyester Webbing

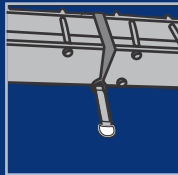
Length : 1.0m or as requested

Having a D-Ring at one end and textile loop at the other end

Strength : Min 15 kN for 3 minutes

As per EN 795:2012 Type B

Weight : 450 gms.



CONCRETE ANCHOR STRAP

Ref: SF-ES-8005

Made up of 44mm wide Polyester Webbing

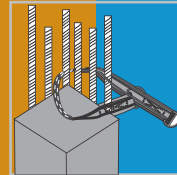
Length : 1.0m , or as requested

Having a D-Ring at one end and textile loop at the other end. Also provided with a polyester covering on the load-bearing webbing

Strength: Min 15 kN for 3 minutes

As per EN 795:2012 Type B

Weight : 500 gms.



ANCHORAGE WEBBING SLING

Ref: SF-ES-8012

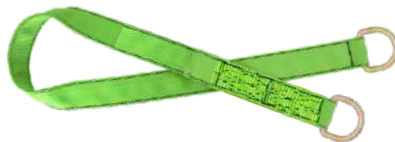
Made up of 50mm wide Polyester Webbing

Length : 1.0m, 1.5m, 2.0 m, or as requested

Strength : Min 15 kN for 3 minutes

As per EN 795:2012 Type B

Weight : 430 gms.



CONCRETE ANCHOR STRAP

Ref: SF-ES-8007

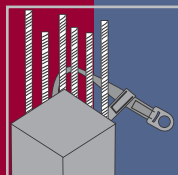
Made up of 44mm wide Polyester Webbing stitched with 70mm webbing on the back for extra protection.

Length : 1.0m, 1.5m, 2.0 m, or as requested

Having a small D-ring on one end & a bigger D-ring on the other.

Strength : Min 15 kN for 3 minutes As per EN 795:2012 Type B

Weight : 535 gms.



ANCHORAGE WEBBING SLING

Ref: SF-ES-8008

Made up of 44mm wide Polyester Webbing

Length : 0.5 mtr or as requested

Strength : Min 10 kN for 3 minutes As per EN 795:2012 Type B

Weight : 350 gms.

ANCHORAGE WEBBING SLING

Ref: SF-ES-8006

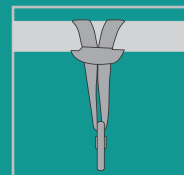
Made up of 25mm wide Polyester Webbing

Length : 1.0m, 1.5m or as requested

Strength : Min 10 kN for 3 minutes

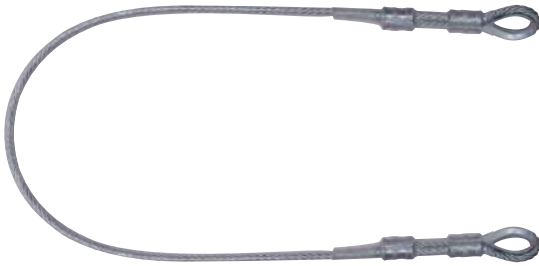
As per EN 795:2012 Type B

Weight : 115 gms.



ANCHORAGE WIRE ROPE SLINGS

VIRAJ offers a wide range of Anchorage Wire Slings made of Galvanized wire rope PVC Coated, provided in different lengths as per need. The wire rope is looped over a steel thimble over the ends and secured back onto the wire and swaged. The ends of the Wire Rope Slings are also provided with Forged O-ring, or with a Snap Hook as per requirement.

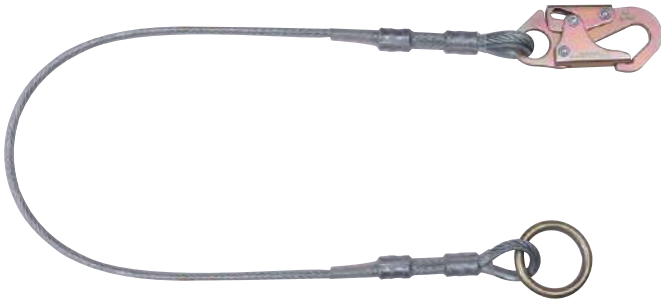


ANCHORAGE WIRE ROPE SLING

Ref. SF-AWS02

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS02 (1.0)	1.0 m	472 gm	Anchorage wire rope sling having one side Forged O-ring and other side steel Thimble
SF-AWS02 (1.5)	1.5 m	539 gm	
SF-AWS02 (1.8)	1.8 m	578 gm	
SF-AWS02 (2.0)	2.0 m	605 gm	

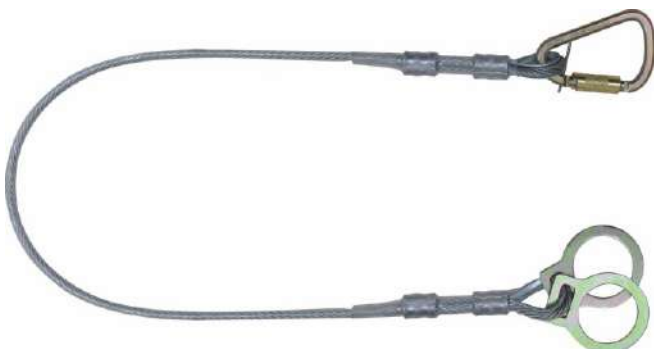


ANCHORAGE WIRE ROPE SLING WITH BOTH SIDE O-RING

Ref. SF-AWS04

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS04 (1.0)	1.0 m	567 gm	Anchorage wire rope sling having one side Forged O-ring and other side small O-ring
SF-AWS04 (1.5)	1.5 m	634 gm	
SF-AWS04 (1.8)	1.8 m	673 gm	
SF-AWS04 (2.0)	2.0 m	700 gm	



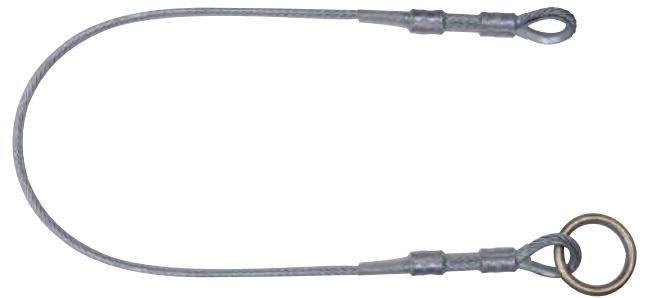
Steel Thimble and Swaged End of the Wire Rope

ANCHORAGE WIRE ROPE SLING

Ref. SF-AWS01

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS01 (1.0)	1.0 m	342 gm	Anchorage wire rope sling having both side Steel Thimble
SF-AWS01 (1.5)	1.5 m	409 gm	
SF-AWS01 (1.8)	1.8 m	448 gm	
SF-AWS01 (2.0)	2.0 m	475 gm	

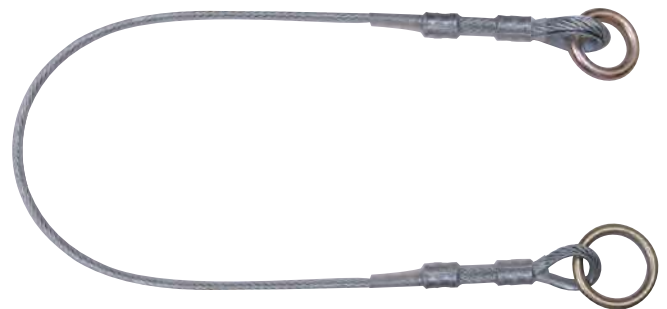


ANCHORAGE WIRE ROPE SLING WITH HOOK

Ref. SF-AWS03

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS03 (1.0)	1.0 m	872 gm	Anchorage wire rope sling having one side Forged O-ring and other side Snap Hook SF-1406
SF-AWS03 (1.5)	1.5 m	939 gm	
SF-AWS03 (1.8)	1.8 m	978 gm	
SF-AWS03 (2.0)	2.0 m	1005 gm	



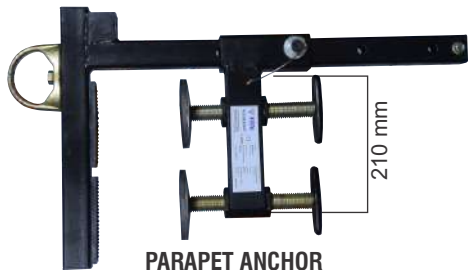
ANCHORAGE WIRE ROPE SLING WITH HOOK

Ref. SF-AWS05

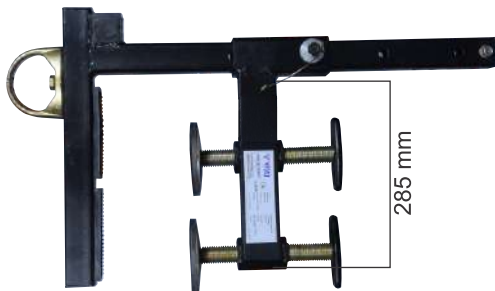
- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS05 (1.0)	1.0 m	889 gm	Anchorage wire rope sling having one side Forged two D-ring and other side one turn locking karabiner with captive pin
SF-AWS05 (1.5)	1.5 m	926 gm	
SF-AWS05 (1.8)	1.8 m	963 gm	
SF-AWS05 (2.0)	2.0 m	990 gm	

ANCHORAGES



PARAPET ANCHOR
Ref: SF-PA-804



PARAPET ANCHOR WITH EXTENDED MOVABLE ARM
Ref: SF-PA-804 (BIG)

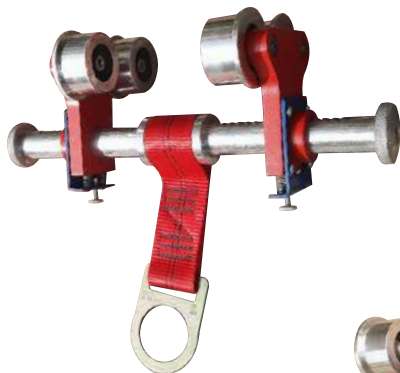
BEAM ANCHOR

Ref. SF-BA-803

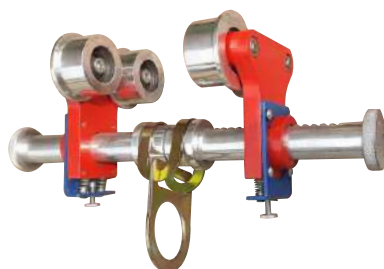
A temporary transportable anchor device provides an anchorage point while being attached safely onto a beam without penetrating it.

The Beam Anchor arm has flanges made of stainless steel, and is adjustable to suit different beam sizes. Once installed, the D-ring on the aluminum bar of the beam anchor can be used for connection with a variety of connectors for suitable anchorage.

- Material : Aluminium Alloy & stainless steel
- Minimum Breaking strength : 5000 lbs/23kN
- Net Weight : 2.800 kg ± 0.010 kg..
- Finish : Beam - Anodized.
- Flanges adjustable from 80 mm to 295 mm.
- Conforms to EN 795:2012 TYPE B



Ref: SF-BA-803 (T)

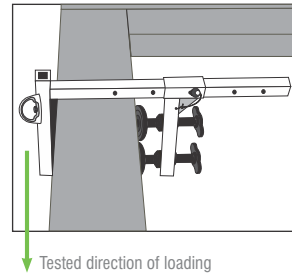


Ref: SF-BA-803 M (T)

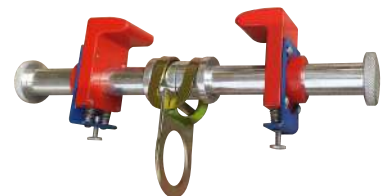
PARAPET ANCHOR

Anchor suitable to be installed on the Parapet of a building such that the Anchor point lies at the top on the outside facade of the building

- Can be Easily Installed on Parapets of Building
- Material: High Strength Alloy Steel
- Finish: Silver/Golden, Yellow Galvanized
- Minimum Breaking (System) Strength: 5000lbs/ 23 kN
- Net Weight: 9.0 kg & 9.56 kg.
- Min. width of the Parapet on which installation possible: 60mm
- Max. width of the Parapet on which installation possible: 360mm
- Conforms to EN 795:2012 TYPE B



Ref. SF-BA-803



Ref. SF-BA-803 M

BEAM ANCHOR TROLLEY

Provides a movable anchorage point using the length of the beam to which it is mounted to move along with the user.

Highly corrosion resistant and easy to install.

Comes with adjustable flanges for use on different beam sizes

This trolley allows continuous safe anchorage by allowing the anchor point to travel across the length of the beam along with the user.

The wheels of the Trolley provide extremely smooth movement over the beam over which it is mounted.

- Material : Aluminium Alloy & stainless steel
- Minimum Breaking strength : 5000 lbs/23kN
- Net Weight : 4.200 ± 0.010 kg..
- Finish : Beam - Anodized.
- Flanges adjustable from 76mm to 300mm.
- Conforms to EN 795:2012 TYPE B

ANCHORS

DOOR ANCHOR

Ref. SF-DA-802

VIRAJ Door Anchor provides a non-intrusive anchor point and can be easily installed inside the interior of a building or window opening enabling the most difficult jobs to get done safely and with confidence.

VIRAJ Door Anchor can be installed by just compressing it against the door or window frame, jamming itself between the two vertical sides.

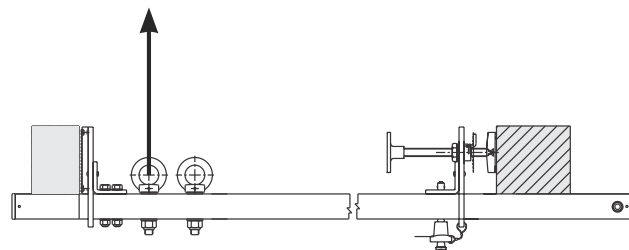
It is constructed of Aluminum alloy, hence is highly corrosion resistant and is light in weight, weighing less than 5.650kgs + 0.250 kgs.

The Arms of the VIRAJ Door Anchor are adjustable, enabling installation on door/window frames of width from 600mm to 1250mm. Fast and easy Installation with built in adjustment knob hence no tools or drilling is required.

Extremely portable design for easy transport, storage and usage.

- Minimum Breaking Strength : 5000lbs/23kN
- Every Door Anchor is provided with Door Anchor Bag Ref. SF-KB-906
- Conforms to EN 795:2012 TYPE B TS 16415:2013 TYPE B for up to 2 users

Tested direction of loading



SF-10

SF-11

ROOF ANCHOR

Ref. SF-10 & SF-11

- Material: Galvanized Steel with Stamped D-Ring
- Minimum Breaking Strength: 5000 lbs/ 23 kN
- Finish: Powder Coated or Zinc Plated
- Net Weight: 1.150 kg & 1.200 kg.
- Conforms to EN 795:2012 TYPE A

ANCHORAGE CONNECTOR

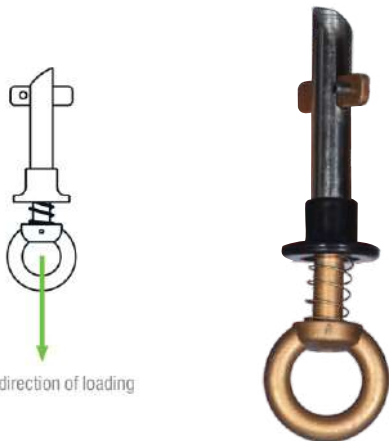
Ref. SF-PA-804-03

Anchorage connector is designed to be fixed on walls, ceilings roof top or steel structures

- Material: Galvanized Steel
- Minimum Breaking Strength: 5000 lbs/ 23 kN
- Finish: Silver/Golden, Yellow Galvanized
- Net Weight: 0.350 kg.
- Conforms to EN 795:2012 TYPE A



ANCHORS



GIRDER STEEL ANCHOR

Ref. SF-GSA01

Girder Steel Anchor is a removable/reusable Anchor that can be mounted on solid steel structures, Girders and steel I-beam.

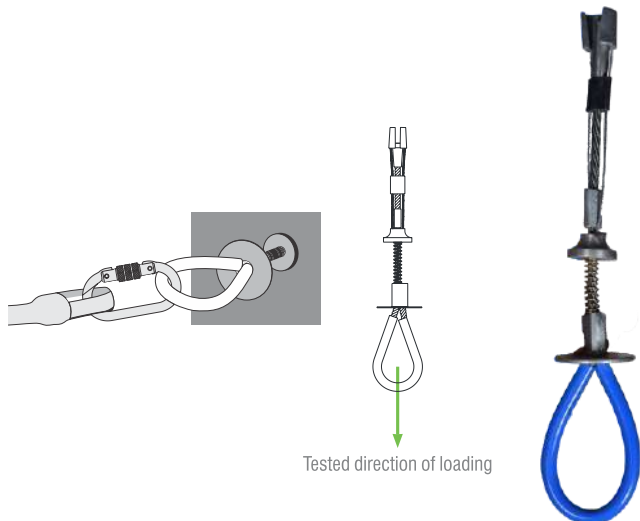
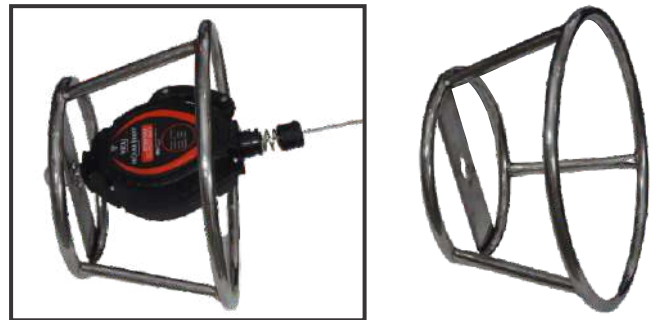
- Material: Stainless Steel & Alloy Steel
- Minimum Breaking Strength: 5000 lbs/ 23 kN
- Net Weight: 0.550 kg ± 0.010 kg.
- Finish: Eye nut-Galvanised Zinc with Golden / Silver
- Passivation
- Body – Polished
- Compatible Structure Thickness : 40mm.
- Conforms to EN 795:2012 TYPE B

SAFE GUARD LEADING EDGE BLOCK

Ref. SF-BSG01

SF-BSG01 is a steel rotating guard designed to work with Retractable Fall Arrester is used to safeguard Retractable Fall Arrester during horizontal operation during the movement of a user e.g. along the roof edges, rotating together with Retractable Fall Arrester.

- Material : Steel,
- Dimensions : 22.5x41x28 cm
- Weight : 2.500 kgs.



CONCRETE ANCHOR

Ref. SF-CA01

This Concrete Anchor is extremely easy to install using a single hand, without help of any tools or fasteners, through a pre-defined hole of diameter 18-19mm, through a drilling depth of 110mm.

The flanges are pulled in when the Eye of the anchor is pulled, allowing the anchor to pass through the hole. When the Eye is released, these flanges fan out along the outer part of the concrete wall, and hold the Anchor in its place.

- Material : Stainless Steel.
- Wire : Hot dip galvanized of 6.0mm dia.
- Minimum Breaking (System) Strength : 5000 lbs.
- Net Weight : 0.150 kg.
- Conforms to EN 795:2012 Type B.

EDGE PROTECTOR

Ref. SF-EP01

- Edge protector made of stainless steel, protect the rope from abrasion an edge
- The edge Ring-Guides on the angle of the edge-protector keep different rope anchor lines from getting entangled over the edges



TELESCOPIC POLE SYSTEM

Ref: SF-TSP01

Telescopic Pole is a perfect solution to create overhead anchors at unreachable heights. It is light in weight, made up of Aluminium glass, and can be effectively used to install an anchorage point from a distance.

- The total weight of the Telescopic Pole assembly without the hook is approx. 1.90 kg, hence can be easily carried.
- Working length with out extension 2.15m to 7.30m .
- Comes with an option of using the Aluminum Anchorage Hook SF-1309 & SF-1310 to anchor at the required distance.



Aluminium Anchorage Hook (Big)

Ref : SF-1309

Material : Aluminium Alloy

Minimum Breaking Strength : 23kN/5171lbs

Weight : 930g.

Finish : Anodized

Specification : Width-165mm, Length-358mm

Certified to : EN 362:2004 Class A &

EN 795:2012 TYPE B



Aluminium Anchorage Hook (Small)

Ref : SF-1310

Material : Aluminium Alloy

Minimum Breaking Strength : 23kN/5171lbs

Weight : 460g.

Finish : Anodized

Specification : Width-110mm, Length-358mm

Certified to : EN 362:2004 Class A &

EN 795:2012 TYPE B



TEMPORARY HORIZONTAL LIFE LINE

Ref: SF-HL-5001

SECURE FIRST introduces the Horizontal Anchorage Lifeline to provide a suitable and safe anchorage extending horizontally along a length.

The SF-HL-5001 is a Horizontal Anchorage Life Line made up of 30 mm Polyester Webbing equipped with the Ratchet Tensioner that allows easy tensioning of the lifeline between two supports. Both the ends are provided with Auto Locking Steel Karabiners (Our Ref. SF-1102).

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 the 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.

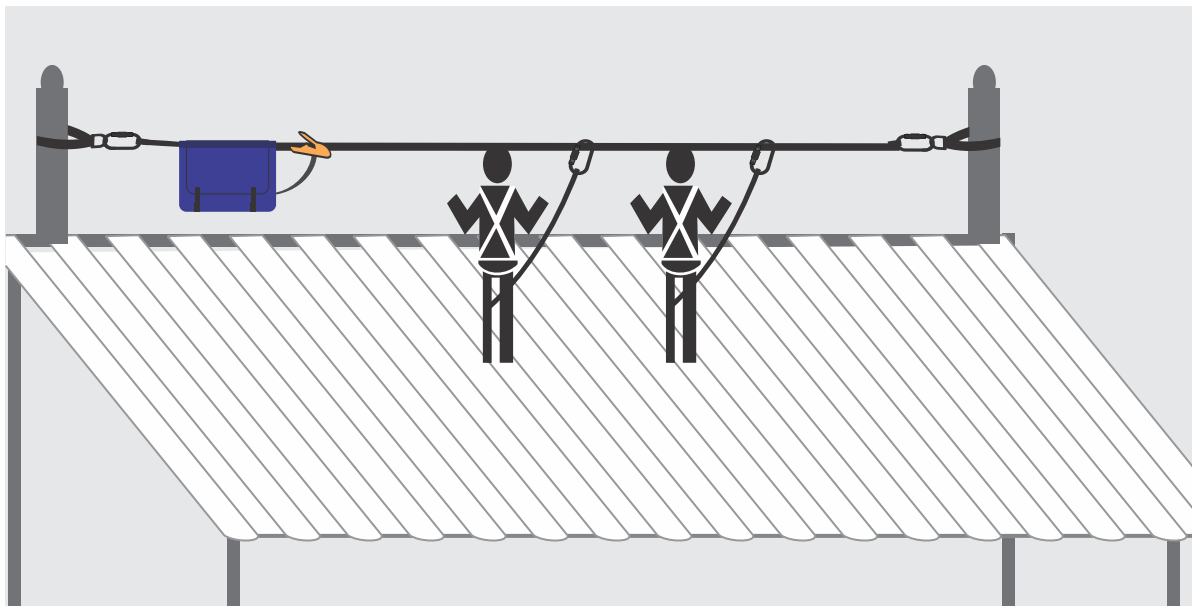
Available Length of total 20m, thus the user can use it for a length ranging from 5m to 20m.

Tested & Certified for use by two users simultaneously.

COMPLIES TO EN 795:2012 TYPE B & TYPE C
Weight : 2980 gms.



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.



Horizontal lifelines, depending on their geometry (see diagram) and angle of sag, subjected to greater loads than the impact load imposed by an attached component. When the angle of horizontal lifeline sag is less than 30 degrees, the impact force imparted to the lifeline by an attached lanyard is greatly amplified. For example, with a sag angle of 15 degrees, the force amplification is about 2:1 and at 5 degrees sag, it is about 6:1. Depending on the angle of sag, and the line's elasticity, the strength of the horizontal lifeline and the anchorages to which it is attached should be increased a number of times over that of the lanyard. Horizontal lifelines shall have a tensile strength capable of supporting a fall impact load of at least 5,000 pounds (15 kN) per employee using the lifeline, applied anywhere along the lifeline.

TEMPORARY HORIZONTAL ROPE ANCHORAGE LINE 2 & 4 PERSONS

Ref: SF-HL-5001(2) & SF-HL-5001(4)

VIRAJ offers a Horizon 2 Man Temporary Horizontal Lifeline extremely easy to carry and install. It provides a suitable and safe anchorage horizontally along the entire length. Suitable for upto 2 & 4 personnel.

GENERAL FEATURES

- Quick and easy to install, and is reusable.
- SF-HL-5001(2) has 2 Steel O-Rings & SF-HL-5001(4) has 4 Steel O-Rings to enable the user to easily attach the Lanyard of his Harness to the Lifeline using a Connector.
- Has unique tension indicator for creating an adequate tension in the line. Once the required tension is achieved, the disc on the tension Indicator rotates freely, indicating the line is ready to use.
- Swivel Connector- specially designed to prevent any twisting of the rope.
- Minimum breaking strength: 25kN
- 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 handles provided in the bag. This bag is designed in such a way that it keeps the unused rope safely, thereby preventing the rope being subjected to abrasion or any damage caused from dust, dirt grime, oil etc. Once fitted, you can easily put back the extra rope not deployed along the length, into the bag.
- Conforms to EN 795:2012 Type C and TS 16415:2013 Type C (for upto 4 users).
- Concrete Anchor Strap (SF-ES-8007) Made up of 44mm wide Polyester Webbing stitched with 70mm webbing on the back for extra protection. Length : 1.0m, 1.5m, 2.0 m, or as requested Having a small D-ring on one end & a bigger D-ring on the other. Strength : Min 15 kN for 3 minutes As per EN 795:2012 Type B Weight : 535 gms.



Technical Snapshot

Reference	Rope Type	Material of Tensioner	Anchorage End	Anchorage Type	Max No. of user	Min-Max Span Length	Weight
SF-HL-5001(2)	Kernmantle Rope of dia 16mm	Aluminium and Stainless Steel	Both End SF-1103 A	Forged Alloy Steel O-Ring Qty-2 nos.	2 users	5m to 25m	8.25 kgs ± 0.10 kgs.
SF-HL-5001(4)	Kernmantle Rope of dia 16mm	Aluminium and Stainless Steel	Both End SF-1103 A	Forged Alloy Steel O-Ring Qty-4 nos.	4 users	5m to 25m	9.28 kgs ± 0.10 kgs.

ACCESSORIES



Easy Seat Pilot Chair

Ref: SF-PC-1004

WEBBING		METAL COMPONENTS	
Material	: Polyester	Material	: High strength steel
Width	: 44mm	Plating	: Zinc plated
Breaking Strength	: 23kN	Finish	: Silver Galvanized

Design: To be used as an accessory with Harness having a Ventral D-ring at the waist level to which the karabiner is attached.

- ▶ Ergonomic & Comfortable working chair.
- ▶ Aluminium reinforcement inside
- ▶ Weight : 1865 gms.

Suspension Trauma Strap

Ref: SF-ST-01

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. Easy deployment; operation is fool-proof.

VIRAJ provides Harnesses fitted with the Suspension Intolerance straps on request.

Weight : 103 gms.



Pilot Chair

Ref: SF-PC-1005

- ▶ Ergonomic and comfortable working chair
- ▶ For vertical ascent and descent
- ▶ Tested as per EN 1498 : 2006
- ▶ Spreader Bar available as optional accessory
- ▶ Weight : 2600 gms.

Scaffolding Clamp Lifting Bag

Ref: SF-SCLB-01

Product Type: Scaffolding Clamp Lifting Bag

Diameter: 28 cm.

Height: 50 cm.

Fabric: Polypropylene Plain Woven

350 gms / m²

Stitching Thread: Polyester

Top: Open

Base: 2 Layers Fabric

Side: 2 Layer Fabric

Weight: 1000 gms

Lifting: 2 Loops

Seams: Cross Stitch x 2 Roe

Safe Working Load (SWL): 30 kgs



Removable Back Pad

Ref: SF-CP-01(More Comfort)

- ▶ Foam with knitted mesh pad.
- ▶ Designed to provide better comfort on Classic Harness.
- ▶ Can be easily fitted on all kinds of Harnesses with 45mm webbing.
- ▶ Weight : 172 gms.

Evacuation Triangle

Ref: SF-ET-8052

- ▶ To be used for rescue of injured personnel
- ▶ Contains 3 metallic D-Rings at attachment elements
- ▶ Weight : 1400 gms.



FALL ARRESTERS

SECURE FIRST brings advanced blend of Rope Grab Fall Arrester and Anchorage Line to provide maximum fall arrest. The user will not require any manual adjustment while ascending & descending.

ROPE GRAB FALL ARRESTER (CLOSE TYPE)

Ref: SF-RG4



Ref: SF-RGFA-A20

For use on a 14mm or 16mm Anchorage Line of Polyester Twisted Rope.

Connector: Steel Karabiner SF-1102
Gravity Locking System
Double Security Locking System
As per EN 353-2-2002



The Polyester Twisted Rope Anchorage Line of 14mm – 16mm is used in a Rope Grab to enable the user to work more smoothly while going up and down. The Purpose of the Rope Grab is to immediately Grab on the Anchorage Line in case of a Fall, hence arresting the fall.

Features :

- † Simple and safe design to ensure correct usage.
- † Arrest Fall with very short fall distance.
- † Easily detectable from the Anchorage Line.
- † Comes with a double security locking system.
- † As per EN 353-2 : 2002.

Ref: SF-RGFA-B20

For use on a 14mm or 16mm Anchorage Line of Polyester Twisted Rope.

Connector: Steel Karabiner SF-1102
Equipped with Energy Absorber SF-EA-4400

Gravity Locking System
Double Security Locking System
As per EN 353-2-2002



Also Available with Snap Hook (SF-1201)



Ref: SF-RGFA-G20

Detachable Rope Grab Fall Arrester with Spacing Strap.
Spacing Strap and Karabiner 1102 as an attachment element.

System Component

Alloy Steel Openable Rope Grab RG4 permanently stitched with spacing Strap.
Anchorage Line : Polyamide Twisted Rope of dia 14 mm or 16 mm

Has coloured tracer yarn which loses colour in due course of time , to show that the Rope is now unfit for further use.



ROPE GRAB FALL ARRESTER (OPEN TYPE)

Ref: SF-RG5



For use on a 14mm or 16mm Anchorage Line of Polyester Twisted Rope.

Connector: Steel Karabiner SF-1102
Gravity Locking System
Double Security Locking System
As per EN 353-2-2002



Ref: SF-RGFA-D20

ROPE GRAB ALUMINIUM WITH 12MM

Ref: SF-RG10



Material Type : Aluminium Alloy
Breaking Strength :
Weight : 235 gm.
Thickness : 12mm Rope
Shade : Silver
Finish : Anodized

Ref: SF-RGFA-E20

For use on a 14mm or 16mm Anchorage Line of Polyester Twisted Rope.
 Connector: Steel Karabiner SF-1102
 Equipped with Energy Absorber SF-EA-4400
 Gravity Locking System
 Double Security Locking System
 As per EN 353-2-2002



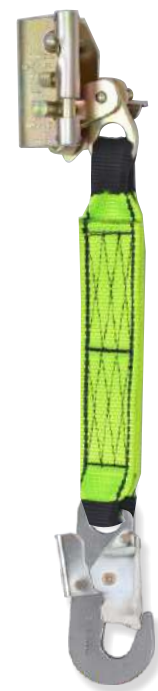
SF-RGFA-F20*



Ref: SF-RGFA-H20

Detachable Rope Grab Fall Arrester with Spacing Strap.
 Spacing Strap and Karabiner 1201 as an attachment element.

System Component
 Alloy Steel Openable Rope Grab RG5 permanently stitched with spacing Strap.
 Anchorage Line : Polyamide Twisted Rope of dia 14 mm or 16 mm
 Has coloured tracer yarn which loses colour in due course of time , to show that the Rope is now unfit for further use.



Guided Type Fall Arrester with Flexible Braided Rope Anchorage Line

Ref: SF-GFA-2003

This Fall Arrester works on 12 mm dia Kernmantle polyamide rope anchorage line incorporated permanently on the anchorage line.

The Anchorage line has one side connector SF-1102 and the other side a stop knot

The Anchorage line is available in lengths of 5m to 100m

As per EN 353-2:2002



Also Available with Energy Absorber



Guided Type Fall Arrester with Flexible Twisted Rope Anchorage Line

Ref: SF-GFA-2004

This Fall Arrester works on 14 mm dia Twisted polyester rope anchorage line incorporated permanently on the anchorage line.

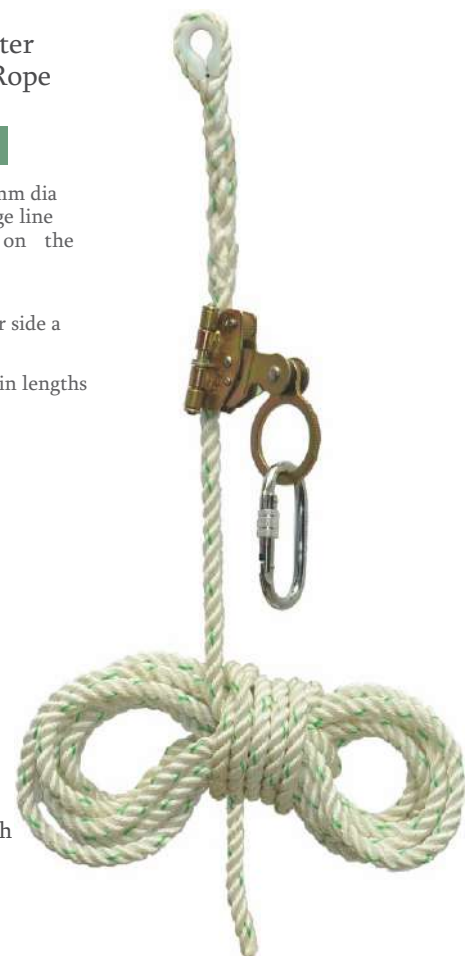
The Anchorage line has one side connector SF-1102 and the other side a stop knot

The Anchorage line is available in lengths of 5m to 100m

As per EN 353-2:2002



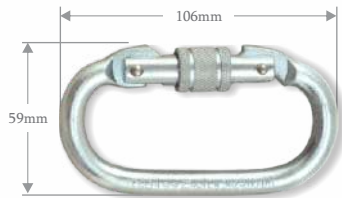
Also Available with Energy Absorber



Ref : SF-GFA-2005 *

Also available with Rope Grab Fall Arrester SF-RG5 in place of SF-RG4

SECURE FIRST provides an exhaustive range of Hooks and Connectors made of ALLOY STEEL & ALUMINUM



Steel Screw-locking Karabiner

Ref: SF-1102

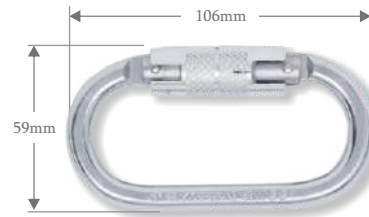
- Material: Alloy Steel
- Finish Available: Silver/ Golden Yellow Galvanized
- As per : EN 362:2004
- see the box below

Ø 17 mm

25 kN

170 gms

Gate Opening Breaking Strength Weight



Quarter Turn-locking Steel Karabiner

Ref: SF-1102 T

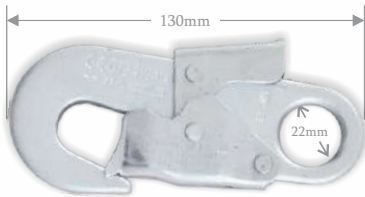
- Material: Alloy Steel
- Finish Available: Silver/ Golden Yellow Galvanized
- As per : EN 362:2004

Ø 15 mm

25 kN

215 gms

Gate Opening Breaking Strength Weight



Steel Snap Hook

Ref: SF-1201

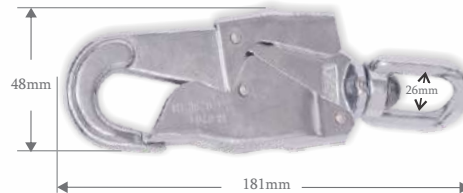
- Material: Alloy Steel
- Finish Available: Silver/ Golden Yellow Galvanized. Shot blasted on request
- As per : EN 362:2004
- Process : Stamped

Ø 20 mm

25 kN

225 gms

Gate Opening Breaking Strength Weight



Steel Swivel Snap Hook

Ref: SF-B303

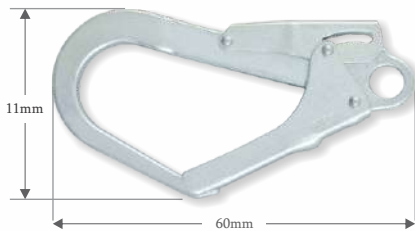
- Material/ Composition: Alloy Steel
- Finish Available: Silver/ Golden Yellow Galvanized. Shot blasted on request
- As per : EN 362:2004
- Process : Forged

Ø 19 mm

23 kN

365 gms

Gate Opening Breaking Strength Weight



Steel Scaffold Hook

Ref: SF-1301

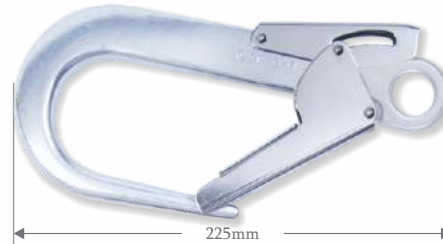
- Material: Alloy Steel
- Finish Available: Nickel Plated/ Silver or Golden Yellow Galvanized. Shot blasted on request.
- As per : EN 362:2004
- Process : Forged

Ø 55 mm

23 kN

475 gms

Gate Opening Breaking Strength Weight



Aluminium Scaffold Hook

Ref: SF-1306

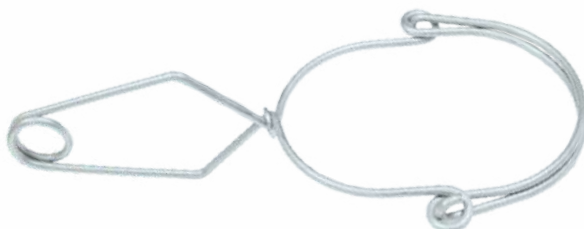
- Material/ Composition: Aluminium Alloy
- Finish Available: Natural Silver / Coloured
- As per : EN 362:2004

Ø 60 mm

23 kN

170 gms

Gate Opening Breaking Strength Weight



Anchorage Hook

- Material: Stainless Steel
- As per : EN 362:2004 Class A

Ø 140 mm

23 kN

365 gms

Gate Opening Breaking Strength Weight

Ref: SF-1401

Ø 110 mm

23 kN

325 gms

Gate Opening Breaking Strength Weight

Ref: SF-1402

Ø 75 mm

23 kN

310 gms

Gate Opening Breaking Strength Weight

Ref: SF-1403



RAJ GROUP
THE FIRST
RETRACTABLE LIFELINE BLOCK
EN 360:2002
: SF-RFA-10
(r.): 10
: SAMPLE
: SAMPLE
r : 05/2021
in India

- Material: Galvanised Steel
- Cut & Abrasion Resistant
- Construction on 7X19
- Wire Dia: 4.5mm
- Wire BS: 19 kN (Min)
- Static Load: 12 kN (Min)
- Option of SS Wire Available



Wire Rope Feature

- Material: UHMWPE
- Cut & Abrasion Resistant
- Web Width: 24mm
- Web BS: 20 kN (Min)
- Static Load: 15 kN (Min)
- Web Thickness: 1.95mm
- Web Finish: UV Stabilized
- Web Shade: Black & Option of Red, Blue & Orange



Webbing Feature

SELF RETRACTABLE LIFELINE (SRL/BLOCK)

IN-HOUSE TESTING AT VIRAJ



HOT CONDITIONING



ARTIFICIAL RAIN TEST



COLD CONDITIONING



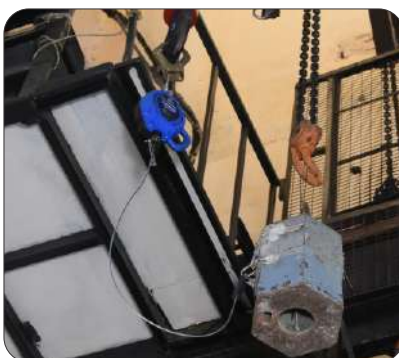
HARDNESS TESTING



STATIC TESTING



SALT SPRAY TESTING



DYNAMIC TESTING

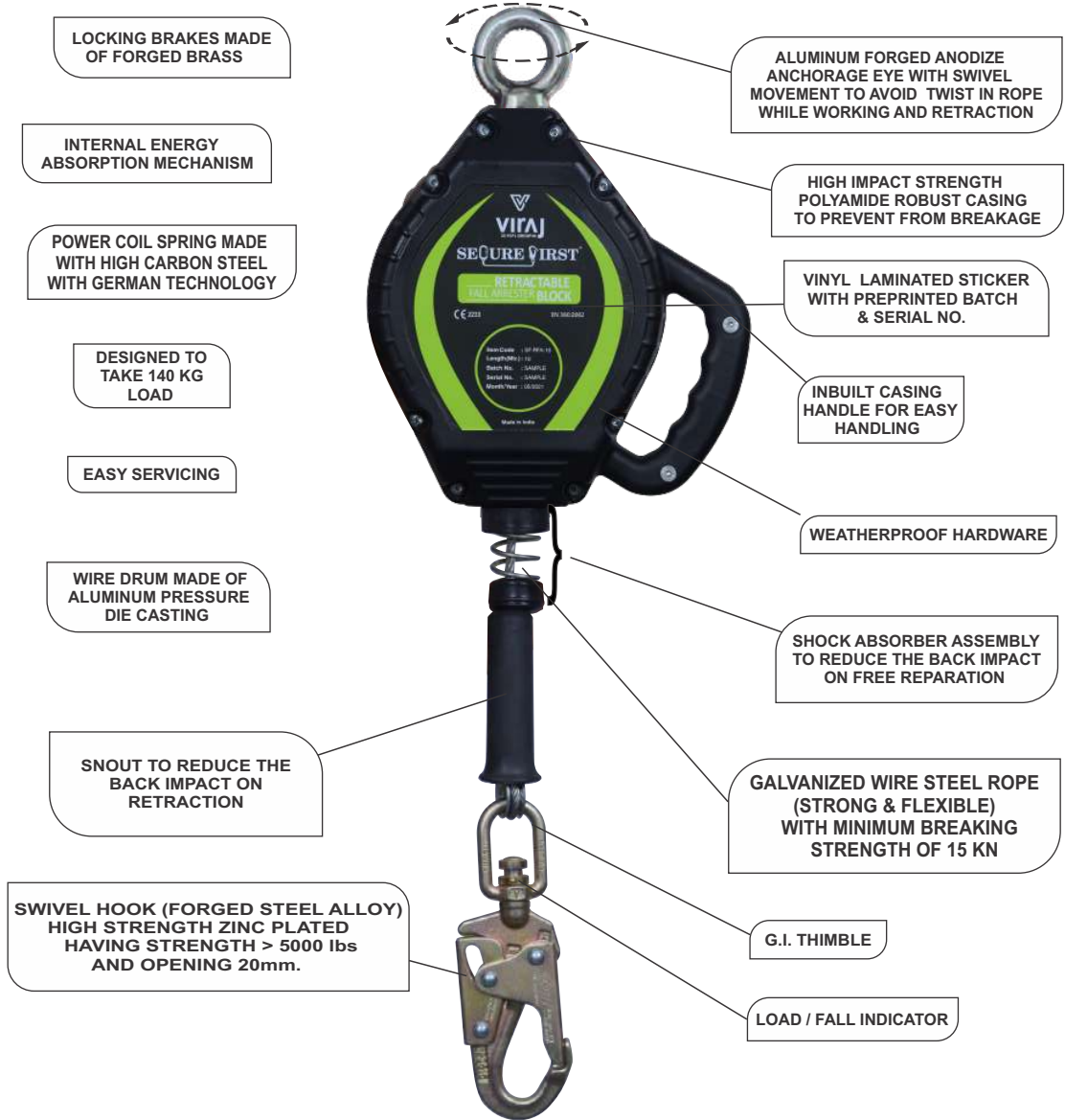


COATING TEST



ON-LINE FUNCTION TEST





- ★ As Per EN 360:2002; Vg11 RFU # 11.060
- ★ As Per Ansi Z359:14-2014 And Horizontal Usage Ansi Z359:14-2014 SRL-LE
- ★ Wire Rope Blocks Available In Length Of 3.5 Mtr./10 Ft. To 100 Ft.
- ★ Webbing Rope Blocks Available In Length of 2 Mtr./ 6 Ft. To 40 Ft.
- ★ Compact Dimensions and Light/weight for Easy Handling of Unit.
- ★ Atex Certified For Use In Potentially Explosive Atmosphere As Per Directive 94/9/EC

Determining the Required Fall Clearance of self Retracting Life Line

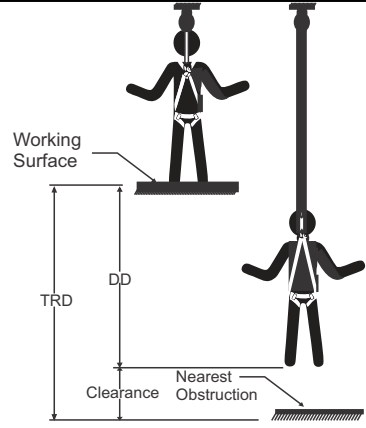
TRD = Total Required Distance Below Working Surface to Nearest Obstruction

DD = Free Fall, Lock Off and Deceleration (1.4m max) + D-Ring Slide and Harness Stretch (0.25)

C = Clearance to Obstruction During Fall Arrest (1.0m minimum safety factor required)

$DD + Clearance = TRD$ (Total Required Distance)

As per AS/NZS 1891.4, DD can be estimated at 700mm, 250mm must be added for D-Ring slide



Introducing **ALPHA** BLOCK

The Lightest Retractable Fall Arrest Block in its range

With **tough & long-lasting** casing, this ALPHA Block is extremely light in weight & **easy to carry**. It is made up of

finest material for **durability** and **Comprehensive use**.

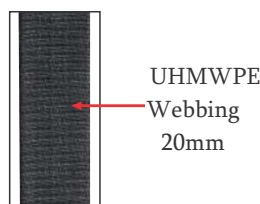
RETRACTABLE BLOCK



ALPHA Retractable Fall Arrester Block

Ref: SF-RFA-2W

Material	Housing Features Built-in galvanized steel swivel shackle resists corrosion and prevents twisting of the line.
Convenience	20mm UHMWPE webbing has a Tensile strength In excess of (18kN), Webbing Length : 2.0m with energy absorber & Swivel snap hook SF-1404.
Special Features	Polymer Housing and Drum are Durable and lightweight and Resistant to Corrosion.
Additional Features	It passes the test for Fall Factor 2 and can be used Horizontally
Weight	1.200 Kg
Compliance	As per EN 360:2002. VG11 RFU #11.060



Transparent



Red



Orange



Blue



ALPHA GUIDE

NOW CHOOSE THE ALPHA BLOCK AS PER YOUR REQUIREMENT

ALPHA Block can be used with a variety of different hooks and connectors at both its ends offering high level of flexibility of use to the wearer.

Stainless Steel Triple Action Locking Karabiner (SF-1105ATSS)



Aluminium Quarter Turn Locking Karabiner (SF-1903 A)



ANCHOR END

Steel Karabiner (SF-1102)



Twin SRL Connector (SF-1700)



Twin SRL Connector (SF-1609)



Steel Snap Hook (SF-1406)



Aluminium Bulb Type Hook (SF-512)

Aluminium Karabiner Tipline Lock with Swivel (SF-1115)



Aluminium Rebar Hook (SF-1509)



Steel Form Hook (SF-1607)

HOOK/LIFELINE END OPTIONS

PACKAGING FEATURES



Strength:- It contains 7 ply carton for higher bursting strength.

Appearance:- Provided with Lamination on the Carton for dust proof.

Box Contains:- Retractable Fall Arrester Block - 1Pcs, Karabiner - 1Pcs Tag Line - 1Pcs, Instruction Manual - 1Pcs, Service & Inspection Card - 1Pcs.



ALPHA Retractable Fall Arrester Block

Ref: SF-RFAE-2W

Material	Housing Features Built-in galvanized steel swivel shackle resists corrosion and prevents twisting of the line.
Convenience	20mm UHMWPE webbing has a Tensile strength In excess of (18kN), Webbing Length : 2.0m with energy absorber & Swivel snap hook SF-1404.
Special Features	Polymer Housing and Drum are Durable and lightweight and Resistant to Corrosion.
Additional Features	It passes the test for Fall Factor 2 and can be used Horizontally
Weight	1.320 Kg
Compliance	As per EN 360:2002. VG11 RFU #11.060

ALPHA Retractable Fall Arrester Block

Ref: SF-RFA-2X2W

Material	Housing Features Built-in galvanized steel swivel shackle resists corrosion and prevents twisting of the line.
Convenience	20mm UHMWPE webbing has a Tensile strength in excess of (18kN), Webbing Length : 2.0m with energy absorber & Scaffold hook SF-1301
Special Features	Polymer Housing and Drum are Durable and lightweight and Resistant to Corrosion.
Weight	2.770 Kg.
Compliance	As per EN 360:2002.

Having a Twin SRL connector reference no- SF-1609 it reduces the length of swing during the fall there by preventing the impact of SRL on the back of the user's Head.



ALPHA Retractable Fall Arrester Block with one Additional Energy Absorber

Ref: SF-RFAE-2X2W

Material	Housing Features Built-in galvanized steel swivel shackle resists corrosion and prevents twisting of the line.
Convenience	20mm UHMWPE webbing has a Tensile strength in excess of (18kN), Webbing Length : 2.0m with energy absorber & Swivel snap hook 1404.
Special Features	Polymer Housing and Drum are Durable and lightweight and Resistant to Corrosion.
Weight	2.650 Kg.
Compliance	As per EN 360:2002.



TWIN Retractable Fall Arrester Block

Ref: SF-RFA-2BY2W

Material	Casing Made up of high strength and sturdy Aluminum Alloy.
Convenience	- Comes with a 24 mm UHMWPE Webbing. - Includes two Scaffold hook SF-1301. at anchorage ends.
Special Features	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.
Use	To be used wherever the user needs a greater freedom of movement and needs to pass obstacles while remaining anchored at all times.
Minimum Breaking Strength	> 15kN.
Weight	2.860 Kg.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)	End Connectors
SF-RFA-2BY2W	2.0 m	1.210	Swivel Snap Hook SF-1602
SF-RFA-2BY2W (SS)	2.0 m	1.200	Steel Scaffold Hook SF-1301
SF-RFA-2BY2W (AS)	2.0 m	1.190	Aluminum Scaffold Hook SF-1306
SF-RFA-2BY2W (1102)	2.0 m	1.160	Karabiner SF-1102



Mini Block

Ref: SF-RFA-2.5W

- Having a Retractable Webbing of width 47mm.
- Maximum length - 2.5m.
- Has a protective Casing.
- Incorporated with an Energy Absorber for shock absorption.
- Supplied with Steel Karabiner SF-1102 at the anchorage as well as at the attachment ends.
- Minimum Breaking Strength - 15kN,
- As per to EN 360:2002.
- Weight - 1.280 Kg.

Model	Length	Weight(Kg)	End Connectors
SF-RFA-2.5W (1102)	2.5 m	1.160	Karabiner SF-1102



Above models also available in below shades			
Red	Blue	Orange	Yellow
MOQ 100 Nos of each shade & model.			



Retractable Block Polymer Casing with G.I. Wire Rope

Ref: SF-RFA-3.5

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	Comes with Galvanized Steel Wire Rope of Dia 4.5mm - Is provided with Snap Hook SF-1404 connector with load indicator at attachment end.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-3.5	3.5 m	2.360

Retractable Block Polymer Casing with Webbing

Ref: SF-RFA-3.5W

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	- Comes in 24mm UHMWPE webbing. - Is provided with Snap Hook SF-1404 connector with load indicator at attachment end.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-3.5W	3.5 m	1.800



Above models also available in below shades

Red	Blue	Orange	Yellow
-----	------	--------	--------

MOQ 100 Nos of each shade & model.



Retractable Block Polymer Casing with G.I. Wire Rope

Ref: SF-RFA-5 (N) to SF-RFA-6 (N)

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	Comes with Galvanized Steel Wire Rope of Dia 4.5mm - Is provided with Snap Hook SF-1404 connector with load indicator at attachment end.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-5 (N)	5 m	3.050
SF-RFA-6 (N)	6 m	3.130

Retractable Block Polymer Casing with Webbing

Ref: SF-RFA-5W (N) to SF-RFA-6W (N)

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	- Comes in 24mm UHMWPE webbing. - Is provided with Snap Hook SF-1404 connector with load indicator at attachment end.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-5W (N)	5 m	2.310
SF-RFA-6W (N)	6 m	2.465

Above models also available in below shades

Red	Blue	Orange	Yellow
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MOQ 100 Nos of each shade & model.





Retractable Block Polymer Casing With G.I. Wire Rope with Inbuilt Handle

Ref: SF-RFA-5 to SF-RFA-10

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	Comes with Galvanized Steel Wire Rope of Dia 4.5mm & provided with swivel snap hook SF-1404.
Special Features	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-5	5 m	3.800
SF-RFA-6	6 m	3.900
SF-RFA-7.5	7.5 m	4.050
SF-RFA-10	10 m	4.280

Retractable Block Polymer Casing With Webbing and Inbuilt Handle

Ref: SF-RFA-5W, SF-RFA-6W, SF-RFA-7.5W

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	- Comes in 24mm UHMWPE webbing. - Is provided with Snap Hook SF-1404 connector with load indicator at attachment end.
Special Features	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-5W	5.0m	3.200
SF-RFA-6W	6.0m	3.280
SF-RFA-7.5W	7.5m	3.400

Above models also available in below shades

Red	Blue	Orange	Yellow
-----	------	--------	--------

MOQ 100 Nos of each shade & model.





Retractable Block Polymer Casing With G.I. Wire Rope with Inbuilt Handle

Ref: SF-RFA-12, SF-RFA-15, SF-RFA-18, SF-RFA-20,

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	Comes with Galvanized Steel Wire Rope of Dia 4.5mm (& provided with swivel snap hook SF-1404.
Special Features	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-12	12.0m	6.560
SF-RFA-15	15.0m	6.800
SF-RFA-18	18.0m	7.070
SF-RFA-20	20.0m	7.160

Retractable Block Polymer Casing With Webbing and Inbuilt Handle

Ref: SF-RFA-10W, SF-RFA-12W

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Convenience	- Comes in 24mm UHMWPE webbing. - Is provided with Snap Hook SF-1404 connector with load indicator at attachment end.
Special Features	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a Fall.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-10W	10.0m	5.720
SF-RFA-12W	12.0m	5.900

Above models also available in below shades

Red	Blue	Orange	Yellow
MOQ 100 Nos of each shade & model.			



NEW

Retractable Block Polymer Casing With G.I. Wire Rope

Ref: SF-RFA-20 (N)

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	Galvanized Steel Wire Rope of Dia 4.5mm.
Attachment End	SF-1404
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-20 (N)	25.0m	12.560



Retractable Block Polymer Casing With G.I. Wire Rope

Ref: SF-RFA-25 to SF-RFA-30

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	Galvanized Steel Wire Rope of Dia 4.5mm.
Attachment End	SF-1404
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002.

Model	Length	Weight(Kg)
SF-RFA-25	25.0m	12.100
SF-RFA-30	30.0m	12.680

Above models also available in below shades

Red	Blue	Orange	Yellow
MOQ 100 Nos of each shade & model.			





Retractable Block With Retrieval System

Ref: SF-RFA-12R to SF-RFA-20R

- ▶ The locking pin on the side of the casing at the base of the handle allows this dual system to work in independent Fall Arrest & Winch modes.
- ▶ Can be easily mounted on the leg of VIRAJ Tripod SF-TP-800 using specialized brackets.
- ▶ Minimum Breaking Strength > 12KN.
- ▶ As per EN 360:2002 & EN 1496:2017 Class B.

Unique Features:

- ▶ The Dual mode- helps easy movement of user while working in confined spaces.
- ▶ Retractable mode - enables easy mount of user in confined spaces.
- ▶ Winch mode- enables easy retrieval.
- ▶ Length of Wire Rope upto 20m.
- ▶ Galvanized steel wire rope of dia 4.8mm.
- ▶ Comes with SF-1404 Snap Hooks with impact indicator.

Model	Length	Weight(Kg)
SF-RFA-12R	12 m	8.850
SF-RFA-15R	15 m	9.100
SF-RFA-20R	20 m	9.500

Retractable Block With Retrieval System

Ref: SF-RFA-25R to SF-RFA-30R

- ▶ The locking pin on the side of the casing at the base of the handle allows this dual system to work in independent Fall Arrest & Winch modes.
- ▶ Can be easily mounted on the leg of VIRAJ Tripod SF-TP-800 using specialized brackets.
- ▶ Minimum Breaking Strength > 12KN.
- ▶ As per EN 360:2002 & EN 1496:2017 Class B.

Unique Features:

- ▶ The Dual mode- helps easy movement of user while working in confined spaces.
- ▶ Retractable mode - enables easy mount of user in confined spaces.
- ▶ Winch mode- enables easy retrieval.
- ▶ Length of Wire Rope upto 30m.
- ▶ Galvanized steel wire rope of dia 4.8mm.
- ▶ Comes with SF-1404 Snap Hooks with impact indicator.

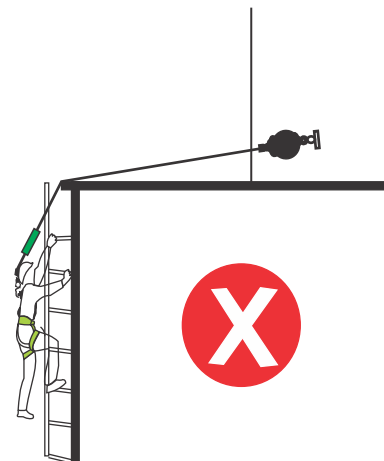
Model	Length	Weight(Kg)
SF-RFA-25R	25.0m	15.050
SF-RFA-30R	30.0m	15.300

Above models also available in below shades

Red	Blue	Orange	Yellow
-----	------	--------	--------

MOQ 100 Nos of each shade & model.





Retractable Block Polymer Casing with G.I. Wire Rope & EA

Ref: SF-RFAE-3.5

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	Galvanized Steel Wire Rope of Dia 4.8 mm.
Attachment End	Snap Hook SF-1404 + Energy Absorber EA 4400
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002; VG11 RFU # 11.060.

Model	Length	Weight(Kg)
SF-RFAE-3.5	3.5m	2.580

Retractable Block Polymer Casing with Webbing & EA

Ref: SF-RFAE-3.5W

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	- Comes in 24mm UHMWPE webbing.
Attachment End	Snap Hook SF-1404 + Energy Absorber EA 4400.
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002; VG11 RFU #11.060.

Model	Length	Weight(Kg)
SF-RFAE-3.5W	3.5m	2.100

Above models also available in below shades			
Red	Blue	Orange	Yellow
MOQ 100 Nos of each shade & model.			





Retractable Block Polymer Casing With G.I. Wire Rope & EA

Ref: SF-RFAE-5, SF-RFAE-6, SF-RFAE-10

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	Galvanized Steel Wire Rope of Dia 4.8 mm.
Attachment End	Snap Hook SF-1404 + Energy Absorber EA 4400
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002; VG11 RFU # 11.060.

Model	Length	Weight(Kg)
SF-RFAE-5	5.0m	4.050
SF-RFAE-6	6.0m	4.150
SF-RFAE-10	10m	4.550



Retractable Block Polymer Casing With Webbing & EA

Ref: SF-RFAE-5W, SF-RFAE-6W, SF-RFAE-7.5W

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	- Comes in 24mm UHMWPE webbing.
Attachment End	Snap Hook SF-1404 + Energy Absorber EA 4400.
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002; VG11 RFU #11.060.

Model	Length	Weight(Kg)
SF-RFAE-5W	5.0m	3.480
SF-RFAE-6W	6.0m	3.560
SF-RFAE-7.5W	7.5m	3.680

Above models also available in below shades

Red	Blue	Orange	Yellow
-----	------	--------	--------

MOQ 100 Nos of each shade & model.





Retractable Block Polymer Casing With G.I. Wire Rope & EA

Ref: SF-RFAE-12, SF-RFAE-15, SF-RFAE-20

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	Galvanized Steel Wire Rope of Dia 4.8 mm.
Attachment End	Snap Hook SF-1404 + Energy Absorber EA 4400
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 12kN.
Compliance	As per EN 360:2002; VG11 RFU # 11.060.

Model	Length	Weight(Kg)
SF-RFAE-12	12.0m	6.760
SF-RFAE-15	15.0m	7.060
SF-RFAE-20	20.0m	7.560

Retractable Block Polymer Casing With Webbing & EA

Ref: SF-RFAE-10W, SF-RFAE-12W

Material	Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
Dia of Rope	- Comes in 24mm UHMWPE webbing.
Attachment End	Snap Hook SF-1404 + Energy Absorber EA 4400.
Anchorage End	Anchorage Eye with swivel action.
Minimum Breaking Strength	> 15kN.
Compliance	As per EN 360:2002; VG11 RFU #11.060.

Model	Length	Weight(Kg)
SF-RFAE-10W	10.0m	5.950
SF-RFAE-12W	12.0m	6.130

Above models also available in below shades

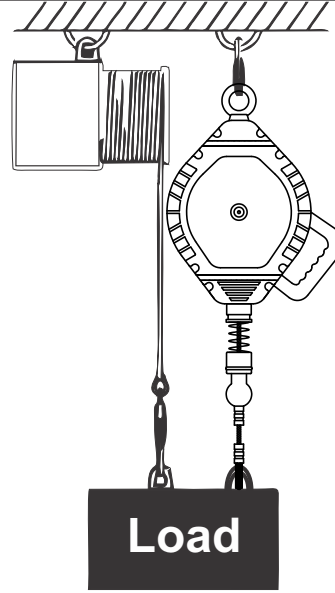
Red	Blue	Orange	Yellow
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MOQ 100 Nos of each shade & model.





LOAD ARRESTER



Load Arrester

Ref: SF-LA-200-10

- ▶ Load Arrester is designed to stop the fall of a max 200 kg weight.
- ▶ Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
- ▶ Galvanized Steel Wire Rope of Dia 4.8mm & provided with swivel steel Karabiner SF-1102.
- ▶ Minimum breaking strength of Load Arrester Assembly > 3 kN
- ▶ As per Machine Directive 2006/42/CE

Model	Length	Weight(Kg)
SF-LA-200-10	10 m	4.380

Load Arrester

Ref: SF-LA-300-10, SF-LA-300-15

- ▶ Load Arrester is designed to stop the fall of a max 300 kg weight.
- ▶ Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
- ▶ Galvanized Steel Wire Rope of Dia 4.8mm & provided with steel Karabiner SF-1102.
- ▶ Minimum breaking strength of Load Arrester Assembly > 14 kN
- ▶ Minimum breaking strength of wirerope > 15 kN
- ▶ As per Machine Directive 2006/42/CE

Model	Length	Weight(Kg)
SF-LA-300-10	10 m	5.900
SF-LA-300-15	15 m	6.350

Above models also available in below shades

Red	Blue	Orange	Yellow
-----	------	--------	--------

MOQ 100 Nos of each shade & model.





Load Arrester

Ref: SF-LA-400-15, SF-LA-500-15

- ▶ Load Arrester is designed to stop the fall of a max 500 kg weight.
- ▶ Casing Made up of high impact strength polymer, to prevent breakage and is nearly indestructible.
- ▶ Galvanized Steel Wire Rope of Dia 6mm & provided with steel Karabiner SF-1102.
- ▶ Minimum breaking strength of Load Arrester Assembly > 4 kN
- ▶ Minimum breaking strength of wirerope > 15 kN
- ▶ As per Machine Directive 2006/42/CE

Model	Length	Weight(Kg)
SF-LA-400-10	10 m	11.420
SF-LA-400-15	15 m	11.900
SF-LA-500-10	10 m	11.420
SF-LA-500-15	15 m	11.900

CASING SOLID SHADE OPTIONS (MOQ: 100 Each Model)



Blue



Red



Orange

CASING DOUBLE COLOR OPTIONS (MOQ: 100 Each Model)



Blue & black



Red & blue



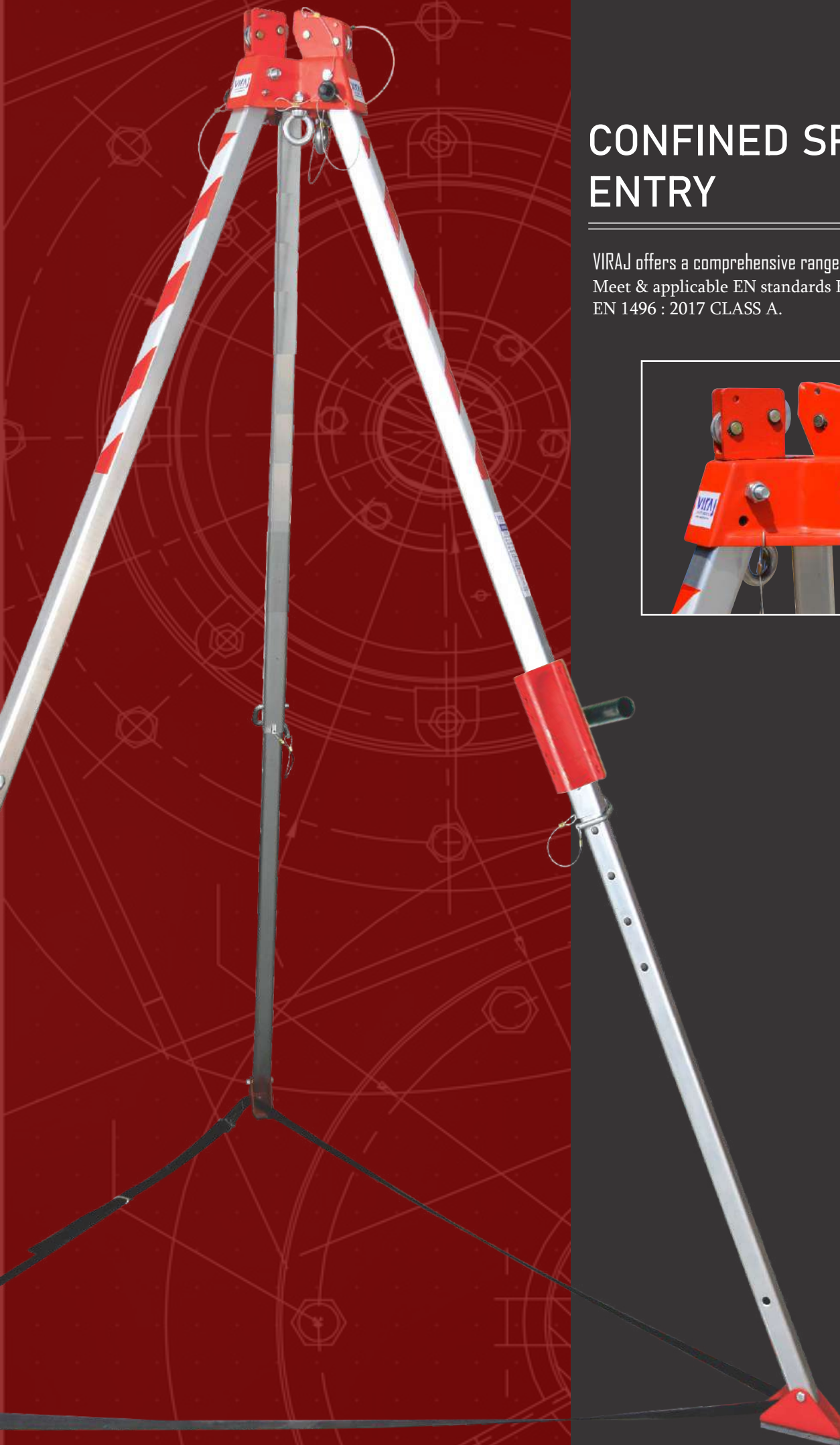
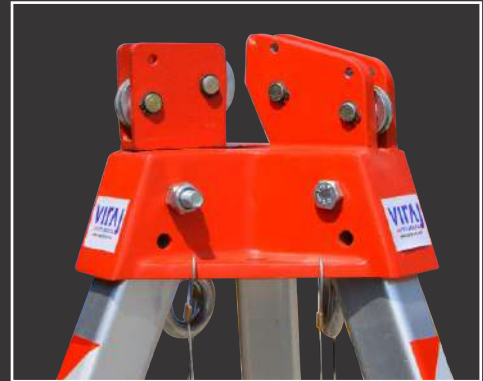
Orange & black



Black & Red

CONFINED SPACE ENTRY

VIRAJ offers a comprehensive range of Confined Space Entry
Meet & applicable EN standards EN 795 CLASS B and
EN 1496 : 2017 CLASS A.

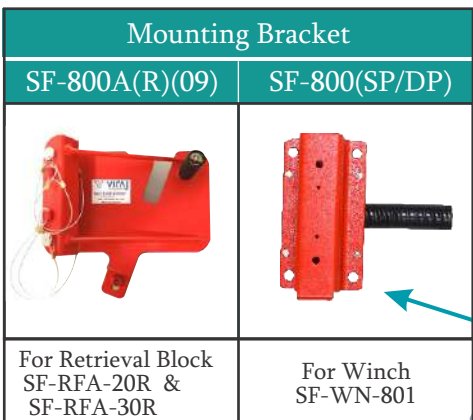


Single Pulley Tripod

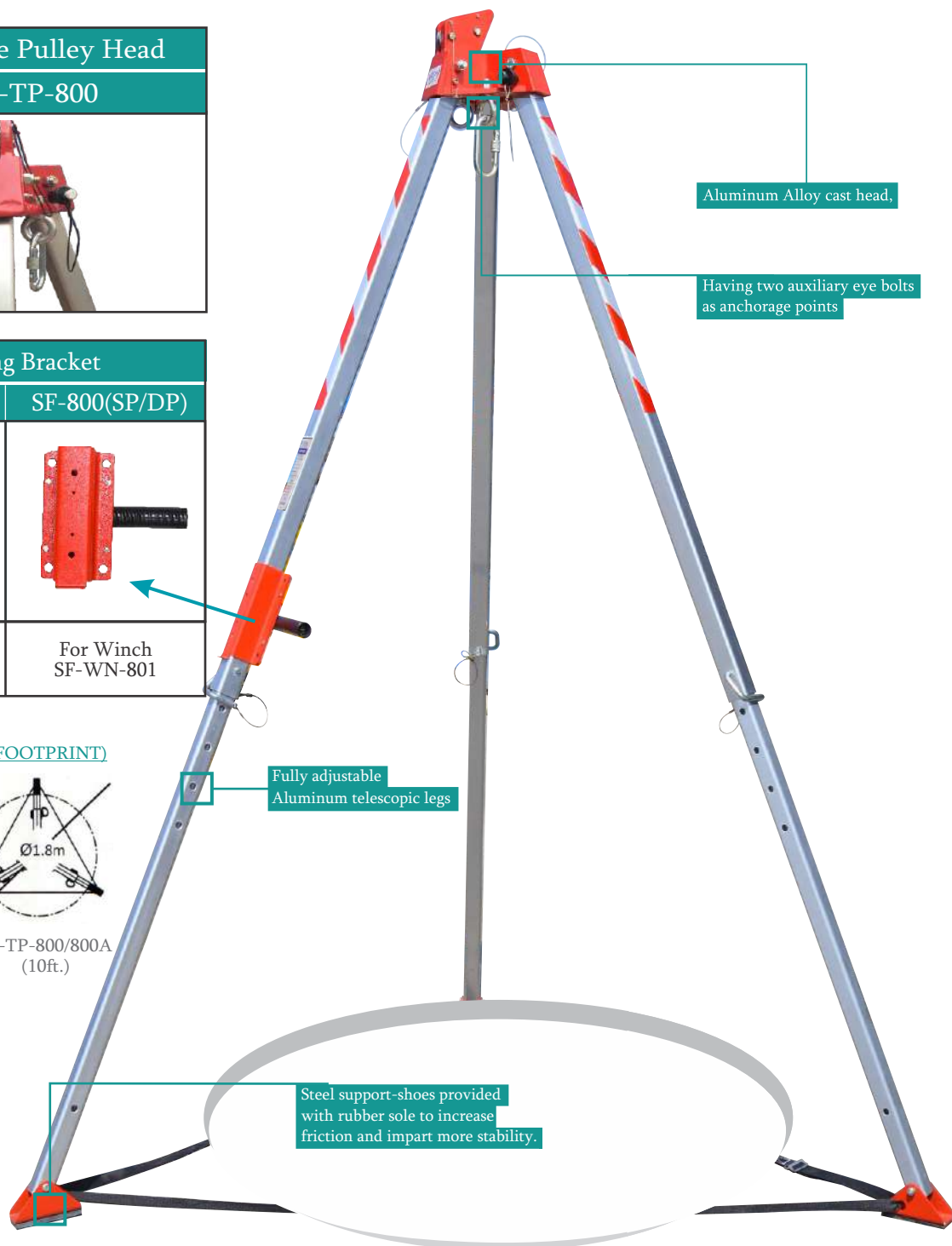
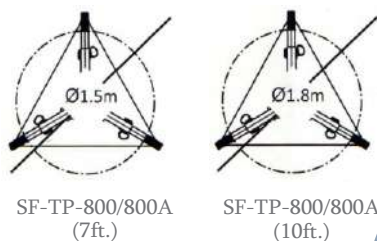
Ref: SF-TP-800 (7ft. & 10ft.)

- For access in Confined Spaces
- Lifting Load Capacity : 135 Kgs (330 lbs).
- Wire Length: available in 20 m and 25m.
- Strength of anchorage point greater than 13 kN
- Every Tripod is provided with inbuilt fixture for attaching our winch SF-WN-801 (can be supplied without this fixture on special request).
- Every Tripod is provided with Tripod Kit Bag Ref. No. SF-KB-904

LENGTH	SPECIFICATION	COMPLIANCE
7 ft.	<ul style="list-style-type: none"> ■ Fully adjustable telescopic legs, adjustable height from 1.15m to 2.15m. ■ Wheelbase (Footprint) : 1.5m Diameter. ■ Weight : 13 kg appx. ■ Maximum load capacity : 500 kgf. 	EN 795 CLASS B
10 ft.	<ul style="list-style-type: none"> ■ Fully adjustable telescopic legs, adjustable height from 1.9m to 2.9m. ■ Wheelbase (Footprint) : 1.8m Diameter. ■ Weight : 15 kg appx. ■ Maximum load capacity : 500 kgf. 	



TRIPOD WHEELBASE (FOOTPRINT)



Double Pulley Tripod

Ref: SF-TP-800(DP) (7ft. & 10ft.)

Available in 7ft & 10ft height, the Double Pulley Tripod is equipped with high quality, rugged systems that ensure superior performance.

Made from Aluminium that makes it extremely light weight and portable, easily set-up by just one worker and can be transported from one work area to another.

Ideal for confined space entry and emergency rescue applications. Can be used easily with all VIRAJ Winches and fall arrest devices eg. Blocks.

Consists of pre-installed universal mounting attachments to easily mount the Winch and Retrieval Block when used with SF 17(26) Retrieval Bracket.

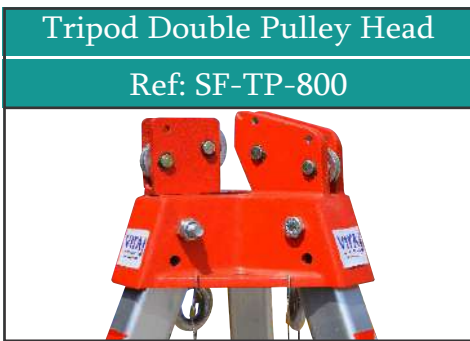
Inner and outer adjustment can be achieved by sliding telescope legs.

Can be used with all the Winches SF-WN-801(20), SF-WN-801(25), SF-WN-801(40), and Retrieval Fall Arrester Blocks SF-RFA-20R and SF-RFA-30R with the help of their universal mounting brackets for Winches and Retrieval Blocks respectively.

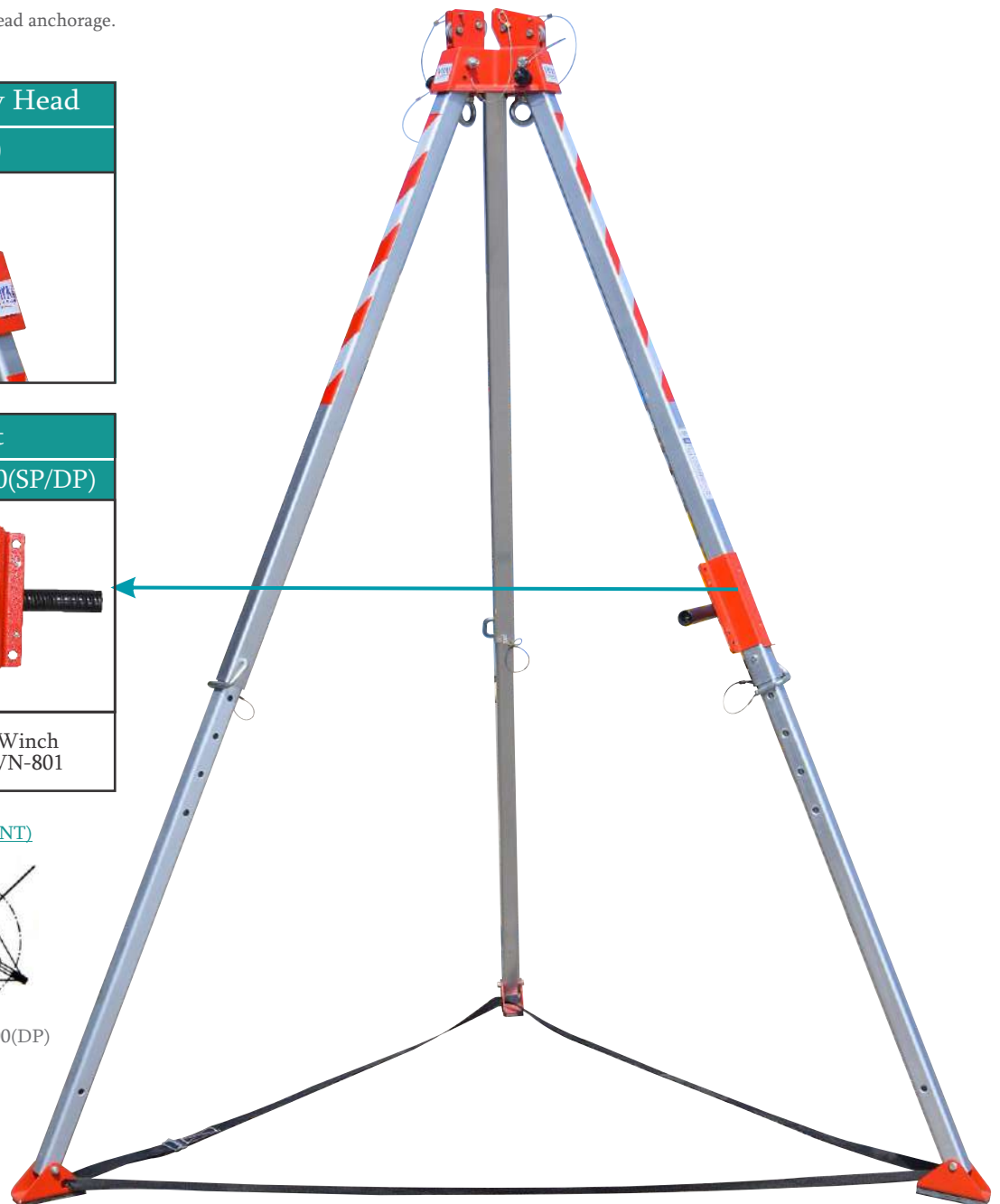
2 auxiliary eye bolt for easy overhead anchorage.

Comes with a study bag to pack.

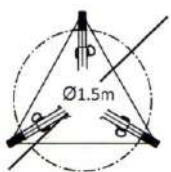
LENGTH	SPECIFICATION	COMPLIANCE
7 ft.	<ul style="list-style-type: none"> Fully adjustable telescopic legs, adjustable height from 1.15m to 2.15m. Wheelbase (Footprint) : 1.5m Diameter. Weight : 13 kg appx. Maximum load capacity : 500 kgf. 	EN 795 CLASS B
10 ft.	<ul style="list-style-type: none"> Fully adjustable telescopic legs, adjustable height from 1.9m to 2.9m. Wheelbase (Footprint) : 1.8m Diameter. Weight : 15 kg appx. Maximum load capacity : 500 kgf. 	



Mounting Bracket	
Ref: SF-17(26)	SF-800(SP/DP)
For Retrieval Block SF-RFA-20R & SF-RFA-30R	For Winch SF-WN-801



TRIPOD WHEELBASE (FOOTPRINT)



SF-TP-800/800(DP) (7ft.)



SF-TP-800/800(DP) (10ft.)

COMBO SET OFFER

NEW



ABOVE SET CONTAINS



(1)
Tripod 7FT or 10FT
Double Pulley Head
SF-TP-800(DP)



(3)
Mounting Bracket
for Retrieval Block
SF-17(26)



(5)
Mounting Bracket
for Winch
SF-800(SP/DP)



(2)
Retrieval Block
SF-RFA-20R or
SF-RFA-30R
(Page Ref:- 76)



(4)
Winch
SF-WN-801
20 Mtr or 30 Mtr



(6)
Tripod Bag
SF-KB-904

Winch

Ref: SF-WN-801

- To be used for raising or lowering of personnel or material into confined spaces.
 - Equipped with bolting fixture for robust fitting on to the tripod SF-TP-800
 - Lifting load Capacity : 135 Kg.
 - Wire length : 20m, 25m, 30m & 40m.
 - As per EN 1496 : 2017 CLASS A.
 - To be used with a Retractable Fall Arrester when deployed for raising or lowering a person.
- Also available with the S.S. wire rope instead of galvanized rope. Respective references with S.S. wire rope shall be SF-WN-801(20SS), SF-WN-801 (25SS), SF-WN-801(30SS) & SF-WN-801(40SS)



Model	Length	Weight
SF-WN-801(20)	20 m	8.190 kg.
SF-WN-801(25)	25 m	8.700 kg.
SF-WN-801(30)	30 m	10.800 kg.
SF-WN-801(40)	40 m	11.800 kg.

OPTIONAL ACCESSORIES WITH TRIPOD SF-TP-800A



Aluminum Single Pulley
With single side attachment
Ref: SF-5330



Double Pulley
With single side attachment
Ref: SF-FAP-1013



Turn Locking Karabiner
Ref: SF-1101 A
also available in captive eye pin
SF-1101A(C)



Steel Alloy Pulley
With single side attachment
Ref: SF-5331

TRIPOD KIT BAG



SF-KB-904



SF-KB-905

TRIPOD HEAD SHADE OPTIONS

(MOQ: 100 Each Shade)



Red



black



Green



Yellow



Blue



MAINTENANCE & WINDOW CLEANING KIT

Ref: SF-MWCK-6051

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

Provides ultimate comfort level to a personnel working at height thereby fulfilling all his needs.

The specialized rescue equipment used in this Kit enables immediate rescue of a personnel when suspended at height after suffering a fall.



Grip Descender
Ref: SF-DC-4001



Rope Grab
Ref: SF-RG5



03
nos
Karabiner
Ref: SF-1102



50
mtr
Twisted Rope
Ref: SF-TRK-14-50



Full Body Harness
Ref: SF-FBH(WPB02)-A-1056



50
mtr
Braided Anchorage Rope
Ref: SF-BRK-10.5-50



Tool Bag
Ref: SF-TB-102



02
nos
Webbing Sling
Ref: SF-ES-8003



KIT BAG
Ref: SF-KB(M)-200

RESCUE KIT

Ref: SF-RK-6052

This Kit contains equipment as per the requirement of the personnel engaged in working on height.
Equipped with all the products that are required by the personnel for rescue as well as maintenance jobs.



Work Positioning Lanyard
Ref: SF-WPL-2402



02
nos
Webbing Sling
Ref: SF-ES-8003



Forked Lanyard
Ref: SF-FRL-3501



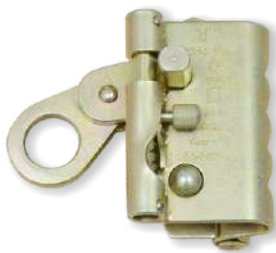
50
mtr
Braided Anchorage Rope
Ref: SF-BRK-10.5-50



Full Body Harness
Ref: SF-FBH(WPB02)-A-1056



50
nos
Twisted Rope
Ref: SF-TRK-14-50



Rope Grab
Ref: SF-RG5



03
nos
Karabiner
Ref: SF-1102



Grip Descender
Ref: SF-DC-4001



KIT BAG
Ref: SF-KB(M)-200



Ref: SF-Knife



Cows Tail
Ref: SF-CT-4001(J)

TOWER KIT

Ref: SF-TK-6053

This Kit is designed for the personnel engaged in working on high rise tower with an extra facility of bigger Hooks & easily adjustable Lanyards to suit the requirement of the working individuals.



Forked Lanyard
Ref: SF-FRL-3501



Full Body Harness
Ref: SF-FBH(WPB02)-A-1056



50
mtr
Twisted Rope
Ref: SF-TRK-14-50



Rope Grab
Ref: SF-RG5



KIT BAG
Ref: SF-KB(M)-200



Tool Bag
Ref: SF-TB-102

CONFINED SPACE ENTRY KIT WITH TRIPOD

Ref: SF-6054

Comprehensive KIT for Lifting and lowering materials and personnel.

Provides Safety to the personnel from falling into confined spaces.

Comes with Sturdy bag with Slings for easy carrying.

As per all relevant CE norms.



Retractable Fall Arrester Block
Ref: SF-RFA-10



Tripod
Ref: SF-TP-800(7ft.)



20
mtr
Winch
Ref: SF-WN-801



Full Body Harness
Ref: SF-FBH(WPB02)-A-1056



Tripod Kit Bag
Ref: SF-KB-904

HAULING AND LOWERING RESCUE KIT

Ref: SF-6055

VIRAJ introduces Hauling Rescue Kit specifically designed for rescuing a suspended casualty by using Fall Arrest Lanyards, Rope Safety Lines and Fall Arrest Blocks, all possible from a point of safety. The Kit is provided with 3 m long Rescue Pole for extension to the fall victim, and hence does not require the rescuer to descend towards the victim.



Full Body Harness
Ref: SF-FBH(WPB02)-A-1056



Grip Descender
Ref: SF-DC-4001



05 nos
Turn-Locking Karabiner
Ref: SF-1102 T



Aluminium Single Pulley
Ref: SF-5330



02 nos
Aluminium Double Pulley
Ref: SF-FAP-1013



50 mtr
Braided Anchorage Rope
Ref: SF-BRK-10.5-50



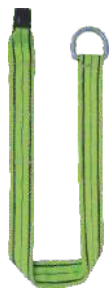
Scaffold Hook
Ref: SF-1306



Forked Lanyard
Ref: SF-FRL-3501



Ascender Rope Clamp
Ref: SF-AC-4002 (R)



02 nos
Webbing Sling
Ref: SF-ES-8003



Guided Type Fall Arrester
Ref: SF-GFA-2005



Kit Bag
Ref: SF-KB(M)-200



Telescopic Pole System
Ref: SF-TSP-01

CONFINED SPACE ENTRY/EGRESS KIT WITH TRIPOD

Ref: SF-6056

This Kit Meant for personal who are required to move into and for retrieval of personnel from confined space



Retractable Fall Arrester Block
Ref: SF-RFA-20R



Tripod
Ref: SF-TP-800(7ft.)(DP)



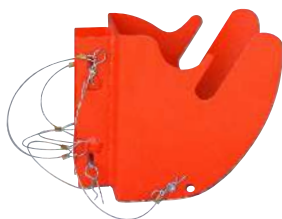
20
mtr
Winch
Ref: SF-WN-801



Full Body Harness
Ref: SF-FBH(WPB02)-A-1056



02
nos
Tool Lanyard
Ref: SF-TL-1002



Mounting Bracket
Ref: SF-17(26)



Tripod Kit Bag
Ref: SF-KB-904



Grip Descender

Ref: SF-DC-4001

- ▶ Ideal for descent on a single rope.
- ▶ It is equipped with a unique Self Braking System which initiates the brake as soon as the handle is released, or clasped too tightly.
- ▶ Works on 10-11 mm diameter Kernmantle rope.
- ▶ As per EN 341-Class A
- ▶ Weight - 340 gms



Figure of 8

Ref: SF-FO8-4031

- ▶ Made up of Aluminium Alloy
- ▶ for rope 10mm to 16mm
- ▶ Inner dia Big - 50 mm, Small - 25 mm
- ▶ Height - 144 mm
- ▶ Minimum Breaking Load - 35 kN
- ▶ Anodized finish
- ▶ Weight - 116 gms
- ▶ Meets the requirement of NFPA 1983 (G).

Ref:

Fixed Aluminium Pulley

Ref: SF-FAP-1011

- ▶ Made up of Aluminium Alloy
- ▶ For use on maximum 12 mm rope.
- ▶ Anodized finish
- ▶ Net Weight- 90.0 gm
- ▶ Breaking load - 20 kN



Ascender Handle (Right)

Ref: SF-AC-4002(R)

Ascender Handle (Left)

Ref: SF-AC-4002(L)

- ▶ Made up of Aluminium Alloy
- ▶ Height - 202 mm
- ▶ For use on single rope 9 to 11 mm
- ▶ Anodized finish.
- ▶ Weight - 196 gms
- ▶ As per : EN 567:2013



Cows Tail

Ref: SF-CT-4000(J)

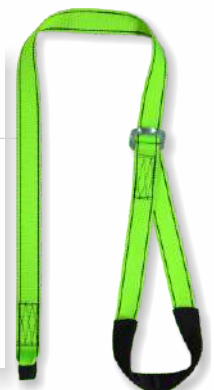
This device is used to anchor a victim of fall to the Rescuer during rescue. It is made of Polyamide Twisted rope of length 0.5m having loops for attachment with screw locking karabiners at both end.

Weight: 100 gm.

Adjustable Foot Loop

Ref: SF-FL-0402

- ▶ Material : 44 mm Polyester Webbing
- ▶ Attached to the Ascending rope clamp for rope ascents
- ▶ Underfoot strap is abrasion -resistant and is slightly rigid to make it easier to step into
- ▶ Length easily adjusted with the Combination Buckles
- ▶ Weight: 100 gm.





Twisted Rope

Ref: SF-TR-BC 104

- ▶ Made up of Polyester.
- ▶ Available in various lengths on request.
- ▶ Maximum Roll Size : 300mts
- ▶ Available in Dia of : 12mm, 14mm & 16mm.
- ▶ As per DIN EN 697 Form A



Rope Dia	Item Code
12.0 mm	SF-TR-BC 104-Length in mtr.
14.0 mm	SF-TR-BC 105-Length in mtr.
16.0 mm	SF-TR-BC 106-Length in mtr.

Kernmantle Static Rope

Ref: SF-BR-BC 304

- ▶ Made up of Polyamide.
- ▶ Available in various lengths on request.
- ▶ Maximum Roll Size : 200mts
- ▶ Available in Dia of : 9mm, 10.5mm & 11mm.
- ▶ As per EN 1891 A



Rope Dia	Item Code
10.5 mm	SF-BR-BC 304-Length in mtr.
11.0 mm	SF-BR-BC 299-Length in mtr.
12.0 mm	SF-BR-BC 134-Length in mtr.

Twisted Rope Anchorage Line

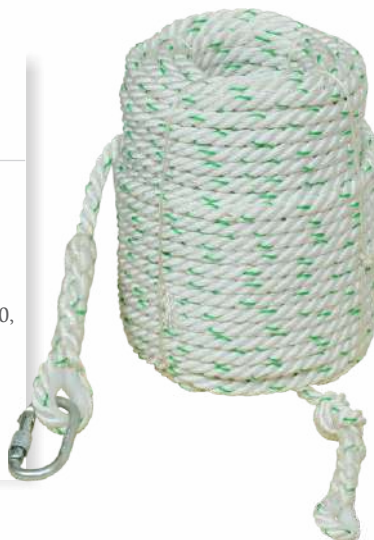
Ref: SF-TRK-14
(length in meters)

3-Strand-14mm dia Twisted Polyester Rope

One side Karabiner SF-1102; other side stopknot

Available lengths 10, 20, 30, 40, 50, 100, 150 & 180 mtr.

Longer or odd lengths are also available on request



SF-TRK-14MM	
SF-TRK-16MM	
SF-TRS-14MM	
SF-TRS-16MM	

Braided Rope Anchorage Line

Ref: SF-BRK-10.5
(length in meters)

10.5mm dia Braided Polyamide Rope

One side Karabiner SF-1102; other side stopknot

Available lengths 10, 20, 30, 40, 50, 100, 150 & 200 mtr.

Longer or odd lengths are also available on request



SF-BRK-10.5MM	
SF-BRK-11MM	
SF-BRK-12MM	
SF-BRS-10.5MM	
SF-BRS-11MM	
SF-BRS-12MM	



SAFETY ROPE

STATIC ROPES

Kernmantle ropes with low elongation designed for general use by persons in rope-assisted work activities including all kinds of work positioning and restraint tasks, rescue operations, and caving.

These Ropes can also be manufactured in different shade combinations and pattern as per customer need.

DIAMOND

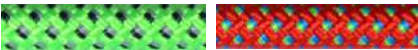
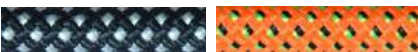


Core Polyamide
Cover Polyamide

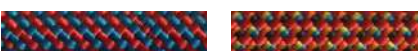
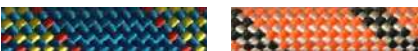
EN 1891 A (10-14 mm)

EN 1891 B (8 to 9.5 mm)

Braid : 32 (8.0-11.0 mm)



Braid : 48 (11.5-20.0 mm)



Our Diamond product portfolio is certified to EN 1891 B (9 mm) or EN 1891 A (10 mm, 10.5 mm and 11 mm). The entire Diamond series is exceptionally appealing because of its low weight and high breaking strength. Due to the high strength and the low danger of cracking, Diamond ropes are the right choice for many different applications. The high-twist 32-strand mantle braid provides for high dirt resistance, better grip and high abrasion protection.

Features:-

High-grade polyamide

Twisted cores

Extra light weight at high minimum breaking load

High-twist 32-strand mantle braid>dirt resistance, good grip and high abrasion protection

High strength

Diameter (mm)	Type	Ref. No.	Elongation	Weight		Min. Breaking Strength		BS with fig. 8 knot		Min. Breaking Strength Sewn	
				(g/m)	(lbs/100')	(daN)	(lbf)	(daN)	(lbf)	(daN)	(lbf)
8.0	B	BC-296	<5%	50.80	3.41	1800	4046	1300	2922	1800	4046
8.5	B	BC-341	<5%	54.26	3.64	1800	4046	1300	2922	1800	4046
9.0	B	BC-297	<5%	57.94	3.89	1800	4046	1300	2922	1800	4046
9.5	B	BC-342	<5%	64.00	4.30	1800	4046	1300	2922	1800	4046
10.0	A	BC-116	<5%	69.58	4.67	2200	4945	1800	4046	2200	4945
10.5	A	BC-304	<5%	75.00	5.04	2200	4945	1800	4046	2200	4945
11.0	A	BC-299	<5%	84.46	5.67	2200	4945	1800	4046	2200	4945
11.5	A	BC-291	<5%	89.50	6.01	2200	4945	1800	4046	2200	4945
12.0	A	BC-300	<5%	94.90	6.38	2200	4945	1800	4046	2200	4945
12.5	A	BC-257	<5%	99.80	6.71	2200	4945	1800	4046	2200	4945
14.0	A	BC-113	<5%	133.62	8.98	2200	4945	1800	4046	2200	4945
16.0	N/A	BC-351	-	175.44	11.79	2200	4945	1800	4046	2200	4945
18.0	N/A	BC-305	-	214.20	14.40	2200	4945	1800	4046	2200	4945
20.0	N/A	BC-307	-	239.70	16.11	2200	4945	1800	4046	2200	4945

TWISTER

Twister is a 3-strand composite rope, constructed by twisting by three strands of filament polyester around cores of fibrillated polyolefin. The polyolefin keeps the strands firm and round without adding weight, which improves abrasion resistance and handling. The polyester gives Twister its greatest durability, highest strength, lightest weight, and most consistent supple feel over time of any commercially available composite rope.

Features:-

Polyester improves grip and knot holding even when wet

Cores of fibrillated polyolefin keep strands firm and round, enhancing knot holding and hand

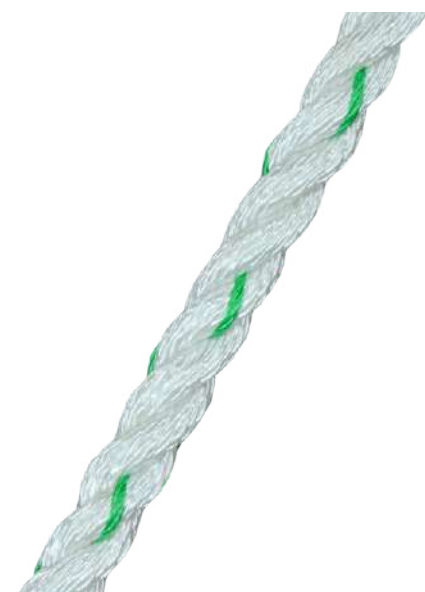
Available in sizes 4.0 to 22.0 mm

Easy to splice

Consistently supple feel over the service life of the rope

great for natural crotch rigging

Diameter (mm)	Ref. No.	Elongation	Weight		Min. Breaking Strength	
			(g/m)	(lbs/100')	(daN)	(lbf)
4.0	TR-209	<5%	11.8	0.79	290	652
6.0	TR-210	<5%	27.0	1.80	555	1250
8.0	TR-211	<5%	48.0	3.22	830	1860
10.0	TR-212	<5%	70.0	4.70	1780	4000
12.0	TR-104	<5%	105.0	7.02	2270	5100
14.0	TR-105	<5%	130.0	8.70	3120	7014
16.0	TR-106	<5%	175.0	11.76	3780	8500
18.0	TR-315	<5%	215.0	14.44	4000	8995
20.0	TR-352	<5%	240.0	16.14	4490	10100
22.0	TR-308	<5%	266.0	17.88	5780	13000



Material Polyester

Braid : 3



DYNAMIC ROPES

Dynamic lines are the standard for situations where a fall is likely. They are designed to offer a stable rope with high-energy absorption. This reduces the impact forces on the climber. Each of our climbing lines offers superior abrasion resistance and high durability.

These Ropes can also be manufactured in different shade combinations and pattern as per customer need.

VIRAJ DYNAMIC



Core
Polyamide
EN 341:1996

Cover
Polyamide



Braid : 32

Our VIRAJ DYNAMIC 9 mm of polyamide can be used as a component for the rescue kits Safety Roll (EN 341 : 1996). The high-twist 32-strand mantle braid provides the rope with high abrasion resistance, dirt resistance and robustness. Since both the core and the mantle are coated, the VIRAJ DYNAMIC 9mm combines a long service life with exceptional grip. The dynamic rope affords more comfort and a low risk of injury. Due to the blue outside coloring, any strain or damage caused by UV light can be easily detected.

Features:-

- High-grade polyamide
- Coated, twisted, heat-treated core > higher robustness, suppleness
- Water-repellent due to coating good grip & ergonomic handling

Diameter (mm)	Ref. No.	Elongation		Weight		Min. Breaking Strength		BS with fig. 8 knot	
		(Dynamic)	(Static)	(g/m)	(lbs/100')	(daN)	(lbf)	(daN)	(lbf)
9.0	BC-399	≤40	≤10	60.0	3.63	1800	4046	1300	2922
9.9	BC-274	≤40	≤10	69.0	4.64	1800	4046	1300	2922
10.2	BC-275	≤40	≤10	72.0	4.84	2200	4945	1800	4046
10.5	BC-363	≤40	≤10	75.0	5.04	2200	4945	1800	4046

VIRAJ DYNAMIC



Core
Polyamide
EN 353-2

Cover
Polyamide



Braid : 48

The coating of the cover and the core make VIRAJ DYNAMIC 12 mm very supply and water repellent. The highly twined 48-plait cover protects the load -carrying twisted core and strands for ergonomic handling. In a special configuration, VIRAJ DYNAMIC 12 mm is available as an anchor rope certified to EN 353-2 in defined systems and delivered with fashioned terminations at both ends. VIRAJ DYNAMIC 12 mm is also use as a component for fall arrest devices.

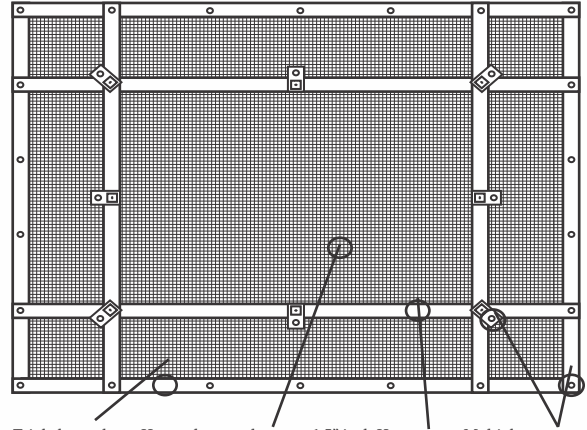
Features:-

- High quality polyamide
- Twisted, heat treated core
- Highly twined 48-plait cover > grippy, dirt resistant, abrasion proof

Diameter (mm)	Ref. No.	Elongation		Weight		Min. Breaking Strength		BS with fig. 8 knot	
		(Dynamic)	(Static)	(g/m)	(lbs/100')	(daN)	(lbf)	(daN)	(lbf)
11.0	BC-289	≤40	≤10	84.5	5.68	2200	4945	1800	4046
12.0	BC-373	≤40	≤10	95.0	5.91	2200	4945	1800	4046

CARGO NET/RESTRAINT SYSTEM

Textile Net made with UV stabilized Polyester webbing and heavy duty rip stop mesh fabric and study Strapping / Lashing ends these Nets are designed to avoid self tangling for easy handling & operations. Conforming to - AS/NZS 4380:2001



Triple layered reinforced edges
 Heavy-duty mesh rip-stop fabric mesh rated at 278 lbs/in.
 1.5" inch Heavy-duty webbing rated at 1,200 lbs/in.
 Multiple grommet anchoring points -Easily adjusts for odd loads

FEATURES

- 1 - Waterproof.
- 2 - 1100kg Load capacity.
- 3 - PVC resin coated high intensity polyester.
- 4 - Rainstop cover rated 2,700Nm.
- 5 - Mildew proof & Rip proof mesh.
- 6 - Safe & quick instalation
- 7 - UV and fire resistant.
- 8 - Removable LTS pull down with XL hooks.
- 9 - Brass eyelets.
- 10 - Reinforced PP support bands for structural strength.
- 11 - Snap - on hook fastness.
- 12 - Friction free anti tangle finish.



COMPLETE LASHING - 4 NOS



KARABINER & J-HOOK WITH PVC COATING



WEBBING & STITCHING



MESH FABRIC



CAM BUCKLE & GROMMET

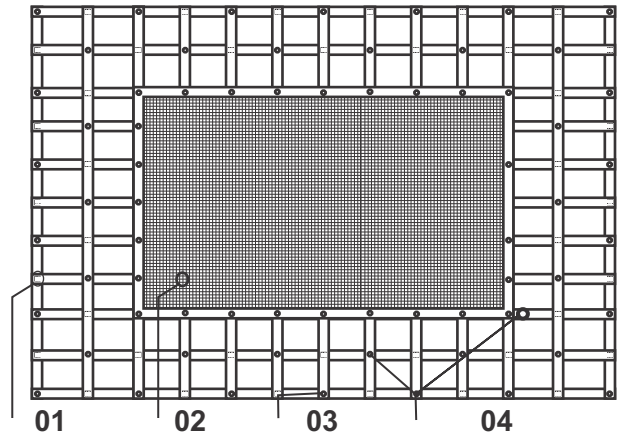


PACKING IN CARTON BOX

SIZING GUIDE

SPECS	SMALL	MEDIUM	LARGE	XLARGE	XXLARGE
Dimensions	4.75' x 6'	6.75' x 8'	8.75 x 10'	10' x 12'	10.5' x 16'
Mesh Coverage	49"x65"	73"x89"	97"x113"	112"x137"	112"x137"
Eyelets	22	26	34	36	44
Code	SF-SMT-100	SF-MMT-100	SF-LMT-100	SF-XMT-100	SF-XXM-100
Strap Included	4	4	4	4	4
Bed Size	5' Foot	6' Foot	8' Foot	10'-12' Foot	14'-18' Foot

Textile Net made with UV stabilized Polyester webbing and heavy duty rip stop mesh fabric and sturdy Strapping / Lashing ends these Nets are designed to avoid self tangling for easy handling & operations. Conforming to - AS/NZS 4380:2001



- 01** 1.5" inch Heavy-duty webbing rated at 1,200 lbs/in.
- 02** Heavy-duty mesh rip-stop fabric rated at 278 lbs per in.
- 03** Triple layered reinforced edges
- 04** Grommet anchoring points-adding straps increase net capacity. Number of anchor points vary with net size

FEATURES

- 1 - Waterproof.
- 2 - 1100kg Load capacity.
- 3 - PVC resin coated high intensity polyester.
- 4 - Rainstop cover rated 2,700Nm.
- 5 - Mildew proof & Rip proof mesh.
- 6 - Safe & quick instalation
- 7 - UV and fire resistant.
- 8 - Removable LTS pull down with XL hooks.
- 9 - Brass eyelets.
- 10 - Reinforced PP support bands for structural strength.
- 11 - Snap - on hook fastness.
- 12 - Friction free anti tangle finish.



COMPLETE LASHING - 4 NOS



KARABINER & J-HOOK WITH PVC COATING



WEBBING & STITCHING



MESH FABRIC



CAM BUCKLE & GROMMET



PACKING IN BAG

SIZING GUIDE

SPECS	SMALL	MEDIUM	LARGE	XLARGE
Dimensions	4.75' x 6'	6.75' x 8'	8.75 x 10'	10' x 12'
Mesh Coverage	49"x65"	73"x89"	97"x113"	112"x137"
Eyelets	60	86	110	136
Code	SF-SSW-100	SF-MSW-100	SF-LSW-100	SF-XSW-100
Strap Included	4	4	4	4
Bed Size	5' Foot	6'-7" Foot	8' Foot	10' Foot

VIRAJ is a leader in the woven narrow fabrics industry. Over 1000 different patterns are manufactured in our production facility. Included are woven tapes, webbings, 3-D structures, and specialty textiles that cover a wide range of narrow fabrics for below industries.

01 PARACHUTE INDUSTRY: Nylon Polyester - Kevlar® - Nomex® and Textured Nylon are just a few of the many fibers used by VIRAJ to manufacture the highest quality of woven narrow fabrics for "critical use" applications.

VIRAJ plays an instrumental role in development of various types of Tapes/Webbings & Braided cords as per Mil & ADRDE specification .

Viraj continues to meet the demands of parachute industry by offering Class 1a (critical use) and Class 2 (non-critical use) made on shuttle less / needle looms. Many other Indian Specification based materials are manufactured at VIRAJ.



02 DEFENCE/ MILITARY: VIRAJ is a leader in the woven narrow fabrics for Defence & military industry. Over 100 different patterns are manufactured in our production facility for this industry. Included are woven tapes, webbings, 3-D structures, and specialty textiles.

Our in house dye-house personnel can custom dye to your sample or to any number of standard colors. Finishing processes can provide resistance to fire, water, and abrasion. Our coating process covers UV Coating on Tapes & webbings.



03 AIRFORCE INDUSTRY: VIRAJ is an innovative designer, producer and supplier of advanced, complex woven webbing used for production of many types of air force products. Our coating process covers UV Coating on Tapes & webbings for Aircraft Arrester Barrier Nets used in arresting Air craft's on runways during exigencies. VIRAJ is the first & only company in India to develop & manufacture Tape, Textile, Nylon, Landbased Arresting Gear, 8-inch often referred as "Purchase Tape" as per MIL-DTL-81736A(AS) for use on land based arresting gear for Air craft's.



04 FALL PROTECTION INDUSTRY: VIRAJ has been developing & manufacturing various kinds of webbings & ropes for the past 15 years used in manufacture of fall protection equipments and has been a key supplier to some of the top manufacturers in fall protection industry. VIRAJ also uses these items for their own consumption for manufacturing fall protection equipments doing OEMs and for own brand SECURE FIRST meeting CE & ANSI requirements.

05 LIFTING SLINGS/ LASHING INDUSTRY: VIRAJ manufactures polyester webbings of width ranging from 25 300 mm having breaking load capacity upto 100 tons used in manufacture of duplex webbing lifting sling & lashings. VIRAJ uses these items for their own consumption for manufacturing these items for their own brand SECURE LIFT meeting EN & IS requirements. VIRAJ is the first & only manufacturer in India to get certification from Bureau of Indian Standards for IS marking on this range of products.



06 CLIMBING SPORTS INDUSTRY : VIRAJ Group has experience in the production of braided / kernmantle safety ropes for fall protection systems such as restraint systems, work positioning, and fall arrest systems.

We use only polyamide or polyester material for making ropes. Our safety ropes are certified to current standards EN 1891-Type A & B and EN 892 with having CE approvals thru APAVE, France.

VIRAJ also offers 3-strand Polyester or Polyamide Twisted Rope, constructed by twisting three strands of a filament polyester/ Polyamide filament yarn around cores. We produce ropes of dia ranging from 6 to 18 mm.



07 EQUESTRIAN / SADDLERY INDUSTRY : VIRAJ has been manufacturing various Tapes/ Webbing & cords/ropes in many weave patterns, different shade combinations to meet the requirement of our associate company and for many saddlery/ equestrian goods manufacture locally who are exporting their products all over the world.



08 FOOTWEAR INDUSTRY : VIRAJ manufactures various kinds of Elastic & Non Elastic tapes along with shoe laces used in manufacturing Fashion, safety and riding shoes/boots.



09 AUTOMOTIVE INDUSTRY : VIRAJ manufactures certain specialized Narrow Fabrics used in end products used by Auto motive industry.



10 MEDICAL INDUSTRY : VIRAJ offers elastic tapes/webbings made from imported rubber thread / spandex yarns. These elastic tapes & webbings are provided with special treatments for soft feel which is instrumental in end use of products manufactured from them.



11 LANYARDS & WATCH INDUSTRY : VIRAJ manufactures various kinds of braided tubular & woven tapes made used in manufacturing lanyards and also bands for fancy wrist watches. These are made from texturised polyester yarns for soft feel & finish. We can supply these items with name/logo printing at desired intervals.



12 LUGGAGE INDUSTRY : VIRAJ manufactures various kinds of Elastic & Non Elastic tapes along used in manufacturing rucksacks , backpacks and soft luggage.



13 GARMENT INDUSTRY : VIRAJ manufactures various kinds of Elastic & Non Elastic tapes used for making fashion garments & waist belts.

14 INDUSTRIAL END USE INDUSTRY : VIRAJ manufactures various kinds of Narrow woven fabrics, braided & twisted cords/ ropes, twines for various other specific use of industry.



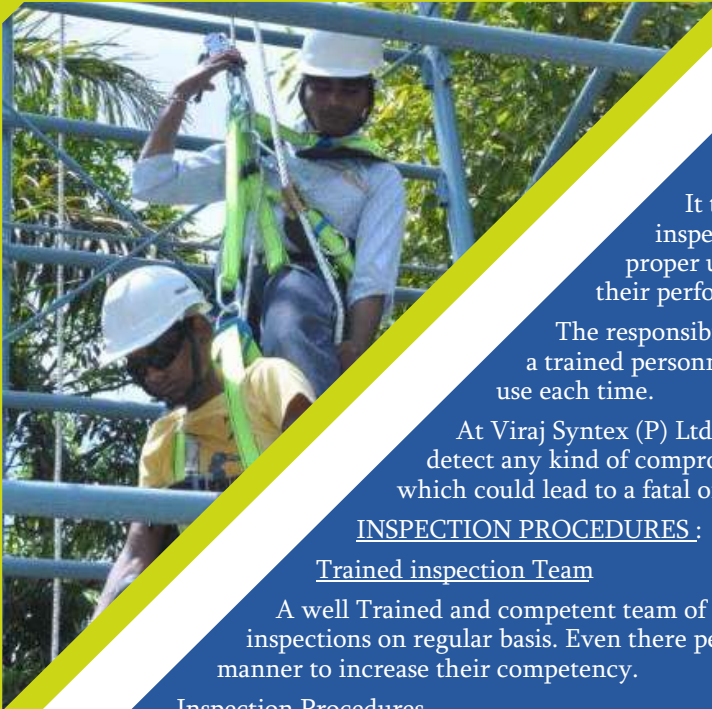


To avoid any fatal injuries at a Construction Site, Proper implementation of Safety measures is becoming increasingly important. This can be easily overcome if proper training is imparted to the workers in respect to the correct method of the usage of Fall Protective Equipment.

It is very important to understand that if these products are used in the proper manner, it boost the confidence as well as increase the productivity of the individual working at a height.

The above is being successfully done at Viraj Syntex (P) Ltd., the main objective being to impart complete knowledge to the user of F.P.E., so that he can ensure his complete safety while working under any hazardous situation.

Our specified team of trained personals give personal visit at the construction sites and give live demonstration to the workers and ensure that any query is solved to their complete satisfaction.



PPE INSPECTION

PPE are increasingly being used at the construction sites as they play an important part in the safety of the person working at a height.

It therefore becomes of utmost importance to inspect the PPE before use. The storage as well as proper usage of these products largely contribute to their performance.

The responsibility for the inspection should be levied only on a trained personnel, to ensure that the right equipment is put to use each time.

At Viraj Syntex (P) Ltd., PPE inspection steps are taken to timely detect any kind of compromise in the performance of the equipment, to which could lead to a fatal or serious accident if unattended.

INSPECTION PROCEDURES :

Trained inspection Team

A well Trained and competent team of personal is given the responsibility to perform inspections on regular basis. Even there personal are trained regularly in a scheduled manner to increase their competency.

Inspection Procedures

Proper documentation is maintained for visual inspection accepted and rejected material are clearly marked.

All accepted products are tagged accordingly.

Test Reports & Certification

Every product is accompanied with its Test Report and PPE inspection certificate.

Laboratory Testing

All products are tested batch wise in our inhouse testing Laboratory (in process for accreditation by Apave, France.)

Detailed Test Reports with findings are provided on request.



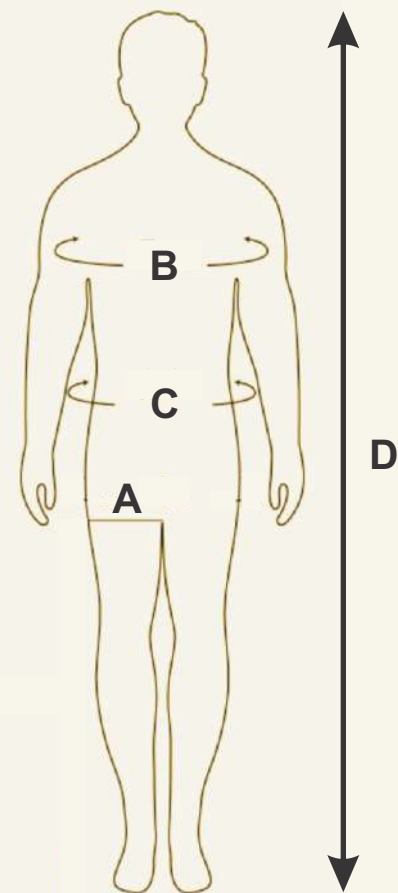
Which size do I need?

The Size chart here under indicates the body s measures. For the wearing of a harness over clothing, the harness adjustments allow to obtain the right size.

Measurements (cm)	UNIVERSAL	S-L	L-XXL
A - Thigh Size	55-90	48-70	65-95
B - Bust Size	98-128	94-114	114-134
C - Waist Size	70-115	70-105	75-125
D - Stature	160-200	160-185	170-200

- ⇒ For selecting a harness or a harness with integrated vest, the essential measures are the thigh size and the bust size, the other measures are given as an indication.
- ⇒ For selecting a belt, the essential measure is the waist size.
- ⇒ Standard Harness size is universal.

Safety Harnesses tested to 100 kg only when used in conjunction with a fall arrest device with equal capacity.



These criteria as selection guides for your harness are clearly indicated next to all harnesses in the following page.

NOTE _____



CONVERSIONS CHART						
Unit	Gm	daN	lbs	N	Kg	Ton
1 Kg	1000	0.98	2.2	9.81	0	0.001
1 Gm	0	0.00098	0.0022	0.0098	0.001	0.000001
1 daN	1019.71	0	2.24	10	1.019	0.00101
1 lbf	453.59	0.444	0	4.44	0.45	0.0004535
1 N	101.97	0.1	0.224	0	0.1019	0.000101
1 Ton	1000000	980.66	2204	9806.65	1000	0
1 KN	101971.62	100	0.224	1000	101.97	0.1019
Unit	Meter	Cms	Yard	Foot	Inch	Mile
1 KM	1000	100000	1093.61	3280.84	39370.1	0.621
Unit	Meter	Cm	mm	Dm		
1 INCH	0.0254	2.54	25.4	0.254		
Unit	Meter	Cm	mm	Foot	Inch	Yard
1 Meter	0	100	1000	3.28	39.37	1.093
1 Foot	0.304	30.48	304.8	0	12	0.333
Abbreviations						
Gram = Gm		Kilogram = Kg		Kilometer = KM		
Pound = lbfs		KiloNewton = KN		Centimeter = Cm		
Newton = N		Tonne = Ton		Decimeter = Dm		



VIRAJ SYNTEX (P) LTD.

An ISO 9001 : 2015 Certified Company

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