

# FreeFall® Safety Industries

*Industrial Safety Belts & Harnesses*



***Innovators & Manufacturers of :***  
**Safety Harness**

**Safety Nets**

**Fire Blanket**

**& Stretcher**

IS 3521 : 2021 Part-1



CM/L 2598982  
[www.bis.gov.in](http://www.bis.gov.in)





# FULL BODY HARNESS

IS 3521 : 2021 Part-1

CM/L 2598982



**CLASS  
A**

## FALL ARRESTING CODE : FF-16

- D Ring at the back.
- Designed to Support the body during and after the arrest of a fall.
- Universal Size



**CLASS  
A+EA**

## FALL ARRESTING CODE : FF-16

- Energy Absorber at the back.
- Designed to Support the body during and after the arrest of a fall.
- Universal Size



**CLASS  
L**

## LADDER CLIMBING CODE : FF-18

- Two D Ring attached to the front of harness.
- Work from special ladder and tower climbing harness.



**CLASS  
L+EA**

## LADDER CLIMBING CODE : FF-18

- Two D Ring attached to the front of harness.
- Energy Absorber at the back.
- Work from special ladder and tower climbing harness.



**CLASS  
E**

## CONFINED ENTRY & EXIT CODE : FF-19

- Sliding D-Ring on each shoulder strap.
- Designed to Support the user during the entry & exit from confined space
- Provision for double rope lifeline & safety line.



**CLASS  
P**

## WORK POSITIONING CODE : FF-17

- D Ring at the back.
- One belt extra at waist level
- Two D Ring at the waist level



## Full Body Sit Harness

FF-560



- 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 of the side for work positioning.

## Full Body Sit Harness

FF-560 +



- Soft padding on waist and leg straps for an extended comfort
- Adjustable shoulder, thigh-straps and waist belt
- As per EN 361, EN 358 & EN 813

## Full Body Sit Harness

FF-565



- Designed to Support the body during and after the arrest of a fall.
- Adjustable shoulder, thigh-straps and waist belt
- As per EN 361, EN 358 & EN 813

## Work Position Belt

FF-500



- Wide comfort pad to provide lumbar support for long working hours
- Tool holding webbing loops
- Two D-Rings for work positioning
- As per EN 358
- Full adjustable

## Full Body Harness

FF-420



- A Dorsal attachment D-Ring for fall arrest
- 2 Chest attachment textile loops
- Adjustable shoulder and thigh-straps
- Wide comfort pad to provide
- One belt extra at waist level with comfort pad to provide

## Full Body Harness

FF-220



- A Dorsal attachment D-Ring for fall arrest
- 2 Chest attachment textile loops
- Adjustable shoulder and thigh-straps
- Conforms to EN 361 : 2002



## Bungee Jumping Belt

FF-520



- 2 front ventral attachment for rope access
- Waist belt and the leg straps are provided with a soft padding for best possible comfort
- Fully adjustable
- As per EN 813



## Half Body Sit Harness

FF-510



- 2 Lateral D-Ring for positioning
- 1 front ventral attachment for rope access
- Waist belt and the leg straps are provided with a soft padding for best possible comfort
- Fully adjustable \* Tool holding webbing loops
- As per EN 813

## Cap Lamp Belt



FF-541



Specially developed Self Rescuer Harness with extra padded adjustable waist belt and padded shoulder strap for additional comfort for long duration carrying of self Rescuer and cap lamp battery. Adjustable side straps for attachment of Self Rescuer and cap lamp battery. Padded for kidney protection for long duration carrying of Self Rescuer.

## Half Body Belt



FF-505



## Waist Cap Lamp Belt

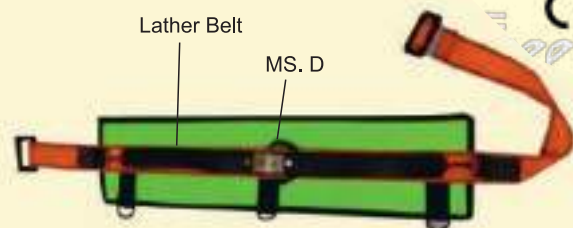
FF-542



Application Cap lamp belt for underground mining. Features Adjustable 41mm webbing belt with leather belt and one MS D at the back side straps for cap lamp self-rescuer, standard buckle.

## Waist Padded Cap Lamp Belt

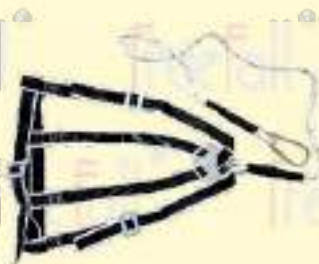
FF-545



Application Cap lamp belt for underground mining. Features Adjustable webbing belt with straps for cap lamp self-rescuer, standard buckle, and padded waist belt for additional comfort.

## Half Body Belt

FF-514



## Anchorage Webbing Sling

FF-522

- Length: 1.2mtr. Polyester Webbing
- As per EN795:1996





## Polyamide Rope

FF-421



Made up of Polyamide  
Available in various length on request  
Dia 12mm, 14mm, 16mm  
As per En -354

IS 4572-2014



## Kernmantle Rope

FF-700



Made up of Polyamide  
Available in various length on request  
Dia 9mm, 10.5mm, 11mm

As per En -354

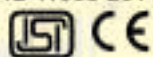


## Polytwist Rope

FF-621

- Made up of Polyester
- Available in various length on request
- Dia 12mm, 14mm, 16mm
- As per En -354

IS 11066-2014



## Bungee Jumping Rope

FF-750



Bungee Jumping Rope Braided Rubber Elastic Cord

Material 100% Nylon



## Mountain Climbing Rope

FF-721

- Made up of Nylon
- Available in various length on request

## Elasticated Webbing Lanyard



FF-8171 EA

- Made of 41mm wide Polyester Elastic Webbing
- Length 1.8m
- As per EN 355: 2002



## Polyamide Rope Lanyard

FF-4171EA



IS 4572-2014



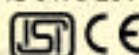
- Made of 14mm dia 3 strands Twisted Nylon rope
- Length 1.8mtr.
- FF 151 Energy Absorber at one end and two Scaffold Hooks FF 117 other end.
- Confirms as per EN 355:2002

## P.P. Rope Lanyard

FF-3171EA



IS 5175-2014



- Made of 14mm dia 3 strands Twisted Polypropylene rope
- Length 1.8mtr.
- FF 151 Energy Absorber at one end and two Scaffold Hooks FF 117 other end.
- Confirms as per EN 355:2002

## Webbing Lanyard



FF-5171 EA



- Made of 41mm wide Polyester Webbing
- Length 1.8m
- As per EN 355: 2002

## Kernmantle Rope Lanyard

FF-7171 EA



- Made of 10.5mm Kernmantle Nylon Rope
- Length 1.8m
- As per EN 355: 2002





### SAFETY HOOK

Material / Composition : Alloy Steel  
Minimum Opening : 50 mm  
Minimum Braking Strength : 22 KN  
As Per EN 362

FF-117



### SAFETY HOOK

Material / Composition : Alloy Steel  
Gate Opening : 17 mm  
Minimum Braking Strength : 22 KN  
As Per EN 362

FF-119



### SAFETY HOOK

Material / Composition : Alloy Steel  
Gate Opening : 16 mm  
Minimum Braking Strength : 22 KN  
As Per EN 362

FF-121



### ENERGY ABSORBER

Energy Absorber reduces the impact of fall to less than 6 KN  
As Per EN 355:2002

FF-151



### SAFETY HOOK

Material / Composition : Alloy Steel  
Gate Opening : 23 mm  
Minimum Braking Strength : 22 KN  
As Per EN 362

FF-120



### SAFETY HOOK

Material / Composition : Alloy Steel  
Gate Opening : 23 mm  
Minimum Braking Strength : 22 KN  
As Per EN 362

FF-118



### SAFETY HOOK

Material / Composition : Alloy Steel  
Gate Opening : 19 mm  
Minimum Braking Strength : 22 KN  
As Per EN 362

FF-122



### ROPE GRAB

Material / Composition : Alloy Steel

FF-900



### ROPE GRAB FALL ARRESTER

FF-850



- Works on 14 to 16mm polyamide twisted rope
- Includes karabiner FF-121
- as per EN 353:2
- Double Security locking system

### GRIP DESCENDER

FF-401



- Works on 10-11mm diameter kernmantal Rope
- Ideal for decent on a single rope
- as per EN 341 Class-A

### STEEL WIRE ROPE GRAB

FF-950



### Single Aluminium Anchorage Pulley

FF-450



### ROPE CLAMP ASCENDER

FF-4020



L

R

Figure of 8

FF-431



Made up of Aluminum Alloy



### Aluminium Double Pulley Double Side Attachment

FF-460





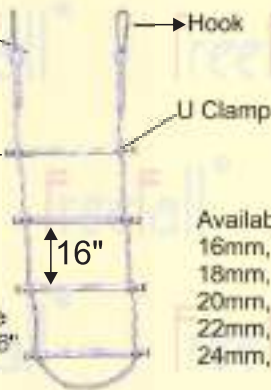
## Aluminum Polyamide Rope Ladder

FF-353

Polyamide Rope  
Size :14mm  
4572:2014



Plastic Cap



Fluted Aluminum Pipe  
Dia 25mm / Length 16"

Available Rope Dia  
16mm,  
18mm,  
20mm,  
22mm,  
24mm,

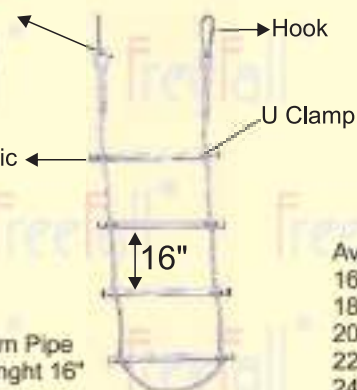
## Aluminum P.P. Rope Ladder

FF-253

P.P. Rope  
Size :14mm  
5175:2014



Plastic Cap



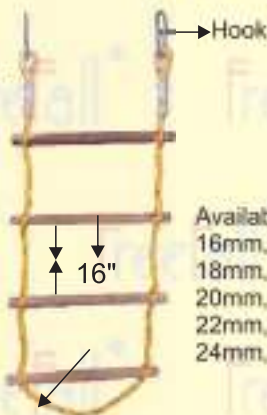
Fluted Aluminum Pipe  
Dia 25mm / Length 16"

Available Rope Dia  
16mm,  
18mm,  
20mm,  
22mm,  
24mm,

## Wooden P.P. Rope Ladder

FF-251

P.P. Rope  
Size :16mm  
5175:2014



Wooden Steps  
Dia 35mm /  
Length 18"

Available Rope Dia  
16mm,  
18mm,  
20mm,  
22mm,  
24mm,

## Polyster Webbing Ladder

FF-653

Plastic Cap

Fluted Aluminum Pipe  
Dia 25mm / Length 16"



Polyester Webbing  
With 41mm and  
Braking Strength  
20kn

## SAFTY NET

FF-201



Border Rope - 12mm  
Inner Rope - 4mm  
Mesh Size : 100mm Square (4" x 4")  
Made by P.P. Rope

FF-202



Border Rope - 12mm  
Inner Rope - 4mm  
Mesh Size : 100mm Square (4" x 4")  
with Overlay HDPE Blue Net  
Made by P.P. Rope

FF-203



Border Rope - 12mm  
Inner Rope - Twin 2mm  
Mesh Size : 25/50mm Square  
Made by P.P. Rope

## Braided Safety Net

FF-204



Border Rope - 12mm  
inner Rope - 2.5 mm  
Mesh Size : 30 mm x 30mm Sq  
Made by P.P. Rope

## Ecofriendly Agro Shade Net

FF-205



Size : 50 mtr x 3 mtrs  
Visibility :  
50 %  
75 %  
90 %



# Safety Belt

## Silver Series

### Half Body Belt

### Full Body Belt

### Full Body Sit Harness



Back



Front



### Polytwist Rope Lanyard

FF- 621

### Polyamide Rope Lanyard

FF- 421



IS 11066-2014



They are made up of 14mm dia polyester twisted rope. The spliced end is protected with a transparent covering sleeve. Lanyards are available in lengths 1.8mtr. As per your requirements. All lanyards are individually certified as per EN 354:2002



They are made up of 14mm dia Nylon twisted rope. The spliced end is protected with a transparent covering sleeve. Lanyards are available in lengths 1.8mtr. As per your requirements.

All lanyards are individually certified as per EN 354:2002



IS 4572-2014



### Kernmantle Rope Lanyard

FF- 721



They are made up of 10.5mm dia kernmantle rope. The spliced end is protected with a transparent covering sleeve. Lanyard are available in lengths 1.8mtr. as per your requirements. All lanyards individually certified as per EN 354:2002



### ROPE PROTECTOR



FF-100

### TOOL LANYARD



FF-150



FF-160

### SUSPENSION TRAUMA RELIEF STRAP



### Tool Bag

FF- T1

The most efficient way to carrying all the necessary tools and FIRST AID kit.



## Retractable Webbing Fall Arrester

FF- 200



- Maximum length 2 mtr
- Having a Retractable Webbing of width 50mm
- Incorporated with an Energy Absorber for shock absorption
- One side Hook 121 and other side Hook 121
- Conforms to as per EN 360

## Retractable Fall Arrester Block

FF- 1000



Casing made up of High impact Strength Polymer to prevent breakage and is nearly indestructible. Comes with galvanized steel wire rope of dia 4.5 mm  
Length of Wire Rope available :  
5mtr, 10mtr, 15mtr, 20mtr, 25 mtr

## Fall Arrester with Energy absorber

FF- 850  
+EA



## Steel Wire Rope Grab with Energy absorber

FF- 950  
+EA



## Rope Grab with Energy absorber

FF- 900  
+EA



## Horizontal Anchorage Life Line

FF- 3000

Poleyster Webbing  
Width 41mm and  
Braking Strength  
20 kn



Horizontal Anchorage Life Line to provide a suitable and safe anchorage extending horizontally along a length. Available Length - 20 mtr. thus the user can use it for a length ranging from 5 mtr to 20 mtr. As per EN 795 Class B

## TRIPOD

FF-8000



## WINCH

FF-8010



## Foldable Stretcher

FF-1140



FF-1150



FF-1160







SIZE: 1 X 2 Mtr.

## FIRE BLANKET

Good for All Classes of Fire

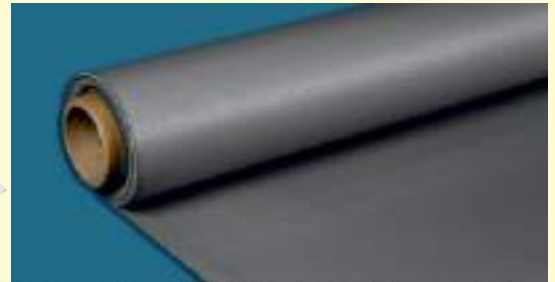
Any Size Made to order

**Available Thickness**

.3 mm,  
.5mm,  
.8mm



Fiber Glass Fire Blanket



Silicone Coated Welding Blanket



## WATER GEL BLANKET



Vermiculite Coated Welding Blanket  
Thickness 3 mm