



**Safety**ware

**SAFETYWARE GROUP**

*Responsibility & Care*

**FALL  
PROTECTION**

## Work At Height

Working at height is a dangerous activity because the risk of falling can be fatal and can cause disability. Safety is a priority in any types of working area especially working at height. This is why you need to install fall protection products on your body with all the safety structure that are specially designed so that the force of impact incurred can be distributed evenly in the event of a fall on the thighs and torso region of the body.

### The ABCR's of Fall Protection

**A**nchorage

Secure point of attachment for a fall arrest system

**B**ody Support

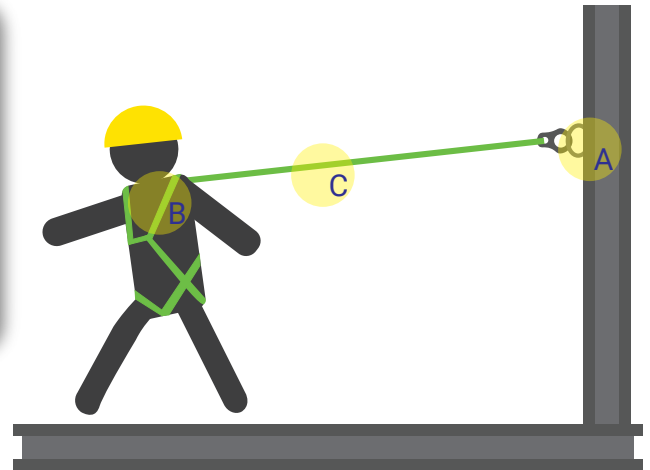
Body harness that provides the connection between people and fall arrest system

**C**onnectors

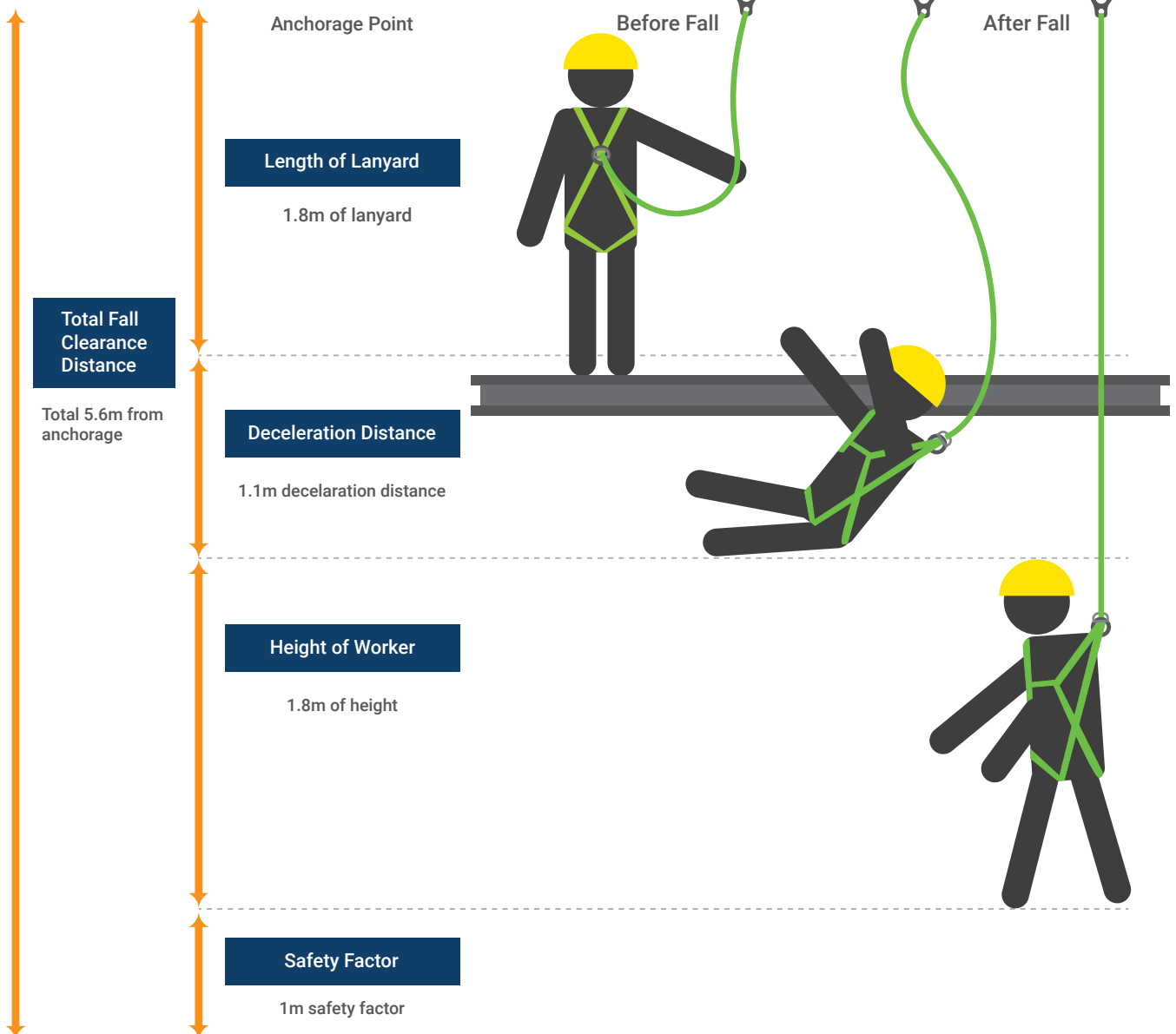
Used to connect the body harness with the anchorage

**R**escue

Rescue products to quick, safe and successful rescue a person has fallen in a harness



### Calculation of Fall Clearance Distance



## Did You Know Suspension Trauma Effects

Few easy activation steps can help a person to prevent harness suspension trauma:

1. Unsnap and pull orange tab to deploy
2. Insert opposite foot into loop
3. Adjust length and step up to relieve pressure
4. Use two Relies Steps for optimum support

### Legs

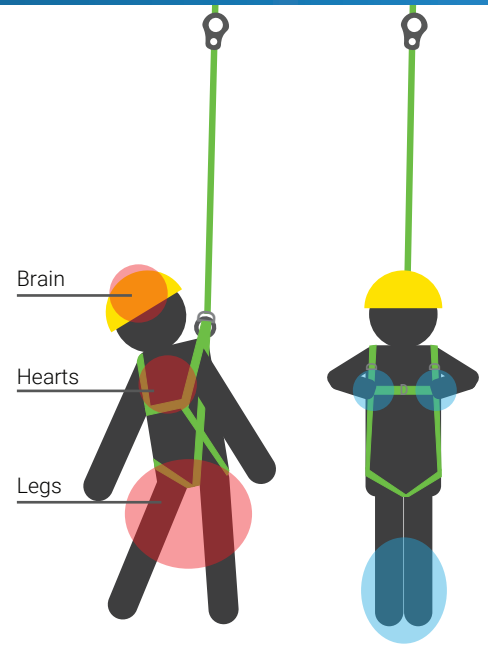
Femoral veins compressed by harness leg straps cause blood to pool in the victim's legs. The steps relieve the pressure being applied too arteries and veins around the top of the legs after a fall.

### Hearts

Reduces anxiety and the onset of shock which prevents and increased heart rate. Oxygen supply to the brain and other vital organs is reduced.

### Brain

Recirculates blood flow to the brain reducing the chance of going into cardiac arrest that caused oxygen deprivation of the brain may lead to fainting and eventual death.



## Choosing A Full Body Harness

Single Attachment Point

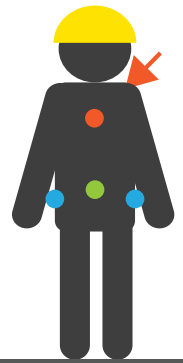
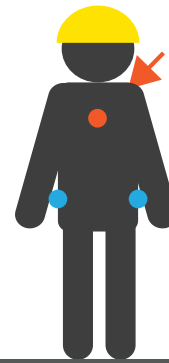
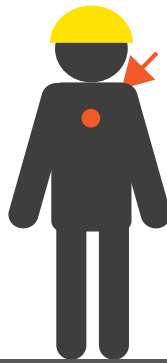
Two Attachment Point

Four Attachment Point

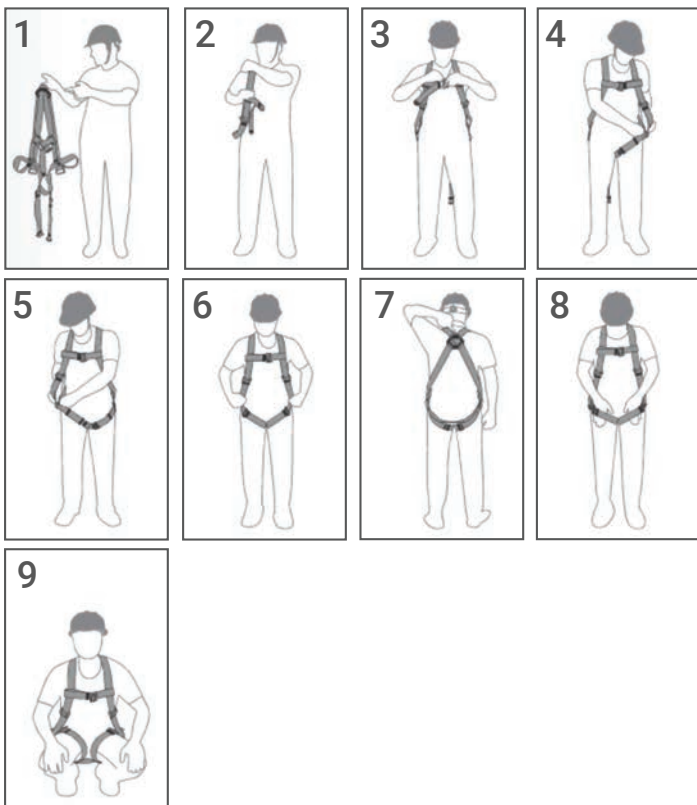
Five Attachment Point

### Attachment Point

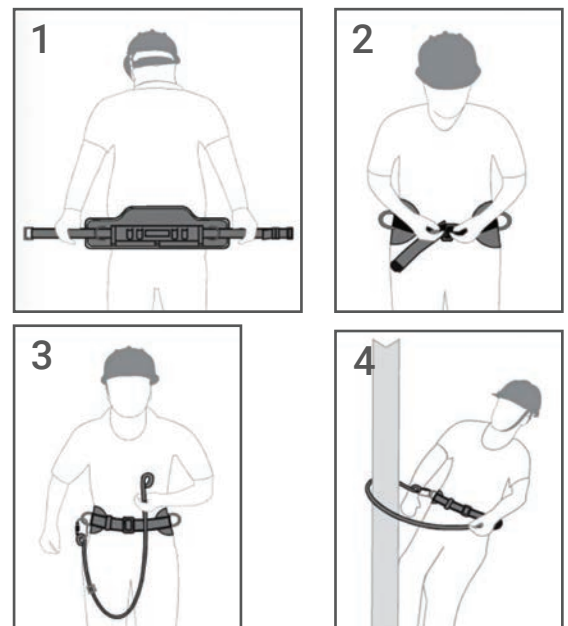
- At the back
- At the chest
- Two hips (for positioning)
- Stomach (for climbing)



## How to Wear A Body Harness?



## How to Wear Work Positioning Belt and Lanyard?





FULL BODY HARNESS - ESSENTIAL RANGE



FPH101



FPWS2D

	FPH101	FPWS2D
Max. Load	140kg	-
Size	Universal	Universal
Attachment	1 Dorsal D-Ring, 2 Chest D-Rings	2 Waist D-Rings
Buckle(s)	5	1
Material	Polyester, Steel	Polyester, EVA
Weight	1.00kg	0.50kg
Standard	EN 361	EN 358



FALL PROTECTION KITS



1



2

Full Body Harness Complete Set

Item Code	Weight	Items	Standard
FPH101LYSET	2.3kg	1. FPH101 2. FPLY18MSCC	EN 361 EN 354



1



2

Full Body Harness with Energy Absorber Set

Item Code	Weight	Items	Standard
FPH101LYESET	2.9kg	1. FPH101 2. FPLYE18M2SC	EN 361 EN 355



RESTRAINT LANYARDS



FPLY18MSCC

ENERGY ABSORBING LANYARDS



FPLYE18MSCC

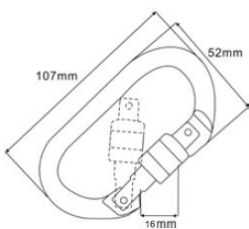


FPPLYE18M2SC

Breaking Strength	22kN	22kN	22kN
Length	1.8m	1.8m	1.8m
Connectors	1 Scaffold Hook 1 Screw-locking Carabiner	1 Scaffold Hook 1 Screw-locking Carabiner	2 Scaffold Hooks, 1 Screw-locking Carabiner
Width	12mm Diameter	12mm Diameter	12mm Diameter
Material	Polyester, Steel	Polyester, Steel	Polyester, Steel
Weight	0.50kg	1.15kg	1.87kg
Standard	EN 354	EN 355	EN 355



CONNECTORS



Steel Carabiner

Item Code	Breaking Strength	Weight	Packing	Unit
FPC	22kN	75g	1 each/ bag; 100 bags/ carton	EA

- Twist lock gate
- 100% proof loaded to 16kN
- Open width with 16mm

ACCESSORIES

Elastic Tool Lanyard



Item Code	Max.Load	Size	Weight	Colour	Unit
TLY290	9.2kg	20 x 900mm	69g	Green	EA

- Material: Polypropylene (PP) and Nylon
- Fitted with 1pc aluminum carabiner hook
- Locking wire with spring hook and strength webbing with an elastic inner core
- Retractable tool lanyard for securing tools when working at heights