

FALL PROTECTION RANGE

Fall Protection is put in place to prevent the risks associated with falling from heights, reducing impact force, restricting obstacle/ground collision and restricting users from fall hazard areas. Portwest offer a full range of fall protection products for working at height.

50+
Exceptional Fall
Protection Styles

COLLECTIONS

- HARNESES
- ANCHORAGE DEVICES
- LANYARDS
- ARREST BLOCKS
- ACCESSORIES
- TOOL LANYARDS
- FALL PROTECTION KITS

A722 503

P553 627

FP19 588



Harnesses

EN 361:2002

Personal protective equipment against falls from a height. Full body harness.

This standard states that the harness has passed the free fall test involving a free fall drop with a 100kg weight in the harness to simulate a person. This shows how the harness will respond in a fall.

EN 1497:2007

Personal fall protection equipment - rescue harnesses

This European standard specifies requirements, test methods, marking and information supplied by the manufacturer for rescue harnesses. Rescue Harnesses conforming to this standard are used as components of rescue systems, which are personal fall protection systems.

EN 358:2018

Personal protective equipment for work positioning and prevention of falls from a height. Belts and lanyards for work positioning or restraint.

This standard confirms that the work positioning and lanyard have withstood a static force test for more than 3 minutes without releasing the load.

EN 813:2008

Personal fall protection equipment - Sit harnesses

EN 813 specifies requirements, testing, marking and information to be supplied by the manufacturer for sit harnesses to be used in restraint, work positioning and rope access systems, where a low point of attachment is required.

Arrest Blocks

EN 360:2002

Personal protective equipment against falls from a height. Retractable type fall arresters.

This standard deals with fall arrester with self locking device and a self-retractable system for the lanyard. An energy dissipating element can be built-in to the equipment.

Lanyards

EN 354:2010

Personal protective equipment against falls from a height. Lanyards.

This standard indicates that the lanyard has withstood a free fall test without releasing the load or doing undue damage to it.

EN 355: 2002

Personal protective equipment against falls from a height. Energy absorbers.

This standard is for lanyards with shock absorbers. These are lanyards that are suitable for attachment to a full body harness and connection to an anchorage point. The shock absorber part of the lanyard reduces the shock caused in the event of a fall being arrested by slowing down the speed of the arrest.

Connectors / Rope/Rope Grabs

EN 362:2004

Personal protective equipment against falls from a height. Connectors.

This standard shows that all connectors in this range have passed the strength test required for this standard.

EN 353-2:2002

Personal protective equipment against falls from a height. Guided type fall arresters including a flexible anchor line.

This standard describes the different test methods for traveling devices incorporated into systems made up of a line intended to be fixed (either temporarily or permanently) to a structure.

EN 1891:1998

Personal protective equipment for the prevention of falls from a height. Low stretch kernmantel ropes.

This standard confirms that low stretch kernmantel ropes have the ability for low extension during normal work activities but the ability to withstand forces generated by a fall.

Anchorage Device

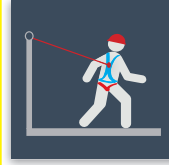
EN 795 :2012

Personal Fall Protection Equipment - Anchor Devices

This standard pertains to anchorage devices to be used as part of a fall protection system. It tests the devices to make sure they can withstand the maximum dynamic force generated in a fall.

Introduction to Fall Protection

There are 3 general terms used to categorise the use of fall protection equipment.

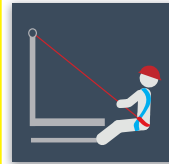


Work Restraint

A risk assessment is carried out to determine the circumstances under which the risk of falling can be eliminated by limiting the user's movement to a safe distance from the fall hazard. This is an excellent preventative measure to insure a safe working environment at height.

Areas of use -

- Roof top work
- Powered access equipment
- Fall protection on vehicles
- Facilities management
- And many more

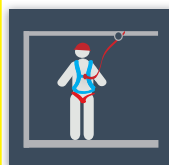


Work Positioning

This refers to the application of fall protection equipment in scenarios where users need to be suspended in work positions for jobs that need to be carried out at height. Adequate training is required for the user in order to use fall protection equipment in this manner. It is common for this type of fall protection to be accompanied by a fall arrest system.

Areas of use -

- Telecom
- Utilities
- Industrial rope access
- Confined space
- And many more



Fall Arrest

Fall arrest systems aim to avoid all circumstances where the risk of falling is a hazard by arresting the fall in a safe and controlled manner. This enables the user to perform their work at height without fear of serious injury. Careful consideration is given when setting up these systems to ensure adequate clearance for the user from the ground and to avoid any contact with obstacles in the event of a fall. Moreover, a rescue plan in the event of a fall arrest occurring, is included as part of the planning process since prolonged suspension at height can be dangerous.

Areas of use -

- Scaffolding
- Wind energy
- Tower crane erection and maintenance
- High bay pallet racking
- And many more

Principles of Height Safety

There are 3 main principles to consider when planning for working at height.

Avoidance

Consider all reasonable alternatives for the work not to be performed at height if practical or possible.

Prevention

If the work must be performed at height, deploy the appropriate preventative measures and work restraint systems.

Mitigation

In circumstances where the risk of falling cannot be prevented, consider the use of netting or other soft landing equipment together with a suitably developed work positioning and/or fall arrest system using the appropriate fall protection equipment.

DID YOU KNOW?

Where Portwest Fall Protection products are unused and stored in a clean, dry environment they have a potential lifetime of:

- TEXTILE PPE = 10 YEARS
- METALLIC PPE = LIMITLESS

Once used, equipment should be inspected by the user before each use, and a mandatory annual inspection conducted by a trained and competent person.

Application of Height Safety

When considering the application of fall protection it can be easier to break it down to its 3 main area's, Anchorage points, full Body harnesses and Connection devices, the ABC of fall protection.



A

Anchorage

As the name suggests this is the point of the system that will hold the weight in the event of a fall, it can be permanent or temporary depending on the requirements of the situation but it must be able to take a load of at least 10 kN.

C

Connection

The connecting devices link your full body harness to its anchorage point. Lanyard and arrest blocks are the most common connecting devices.

B

Full Body Harness

The harness is designed to securely hold your whole body in the event of a fall when used as part of a fall arrest system.

Warning

Training – Fall arrest training is an essential requirement for anyone working at height.

Rescue plan - It is imperative that any fall arrest system includes a rescue plan as suspension at height after a fall can be hazardous for the user if experienced over a prolonged period.

How to Put On a Harness

1



Hold the harness up by the back dorsal D-ring.

2



Proceed to sling the harness over the shoulders as you would a back pack.

3



Starting at the top, attach the chest and waist belt connections.

4



Reaching under each leg, grab the leg straps and wrap around each thigh and then attach to the connection points at the waist.

5



In order to ensure that the leg straps are tightened correctly, a fl at hand (but not a closed fist) should fit between the strap and the leg .

6



Finally tighten all straps to a comfortable but firm fit.


Harness

FP71 Portwest Ultra 1 Point Harness EN 361



This full body harness features a rear dorsal D-ring, quick release buckles for easy fitting and 3 adjustment points. Rip indicators are installed to aid with inspections.



 Nylon Webbing, Alloy Steel, Heat Treated

 Black/Orange S/M/L -XL/XXL



To achieve the weight of up to 140kg, this harness must be worn with 140kg lanyard.




FP72 Portwest Ultra 2 Point Harness EN 361



This full body harness features a rear dorsal D-Ring and front D-Rings with 3 adjustment points. Quick release buckles for easy fitting. Rip indicators are installed to aid with inspections.



 Nylon Webbing, Alloy Steel, Heat Treated

 Black/Orange S/M/L -XL/XXL



To achieve the weight of up to 140kg, this harness must be worn with 140kg lanyard.



All Portwest harnesses can be fitted with RFID Asset Management Tags

Find out more on page [581](#)

Harness

FP73 Portwest Ultra 3 Point Harness

EN 358
EN 361



This full body harness features rear dorsal and front D-Rings with side D-Rings. Quick release buckles for easy fitting & 4 adjustment points. Rip indicators are installed to ease with inspections.



Nylon Webbing, Alloy Steel, Heat Treated
 Black/Orange S/M/L -XL/XXL



To achieve the weight of up to 140kg, this harness must be worn with 140kg lanyard.



FP74 Single 140kg Lanyard with Shock Absorber

EN 354
EN 355
EN 362



This single ended lanyard features a shock absorber, a scaffold hook and a snap hook. It is tested to withstand a 140KG user and is 180cm long including connectors when fully extended.



Polyester Webbing, Alloy Steel, Heat Treated, Zinc
 Black/Orange



FP75 Double 140kg Lanyard with Shock Absorber

EN 354
EN 355
EN 362



This double ended lanyard features a shock absorber, a scaffold hook and a snap hook. It is tested to withstand a 140KG user and is 180cm long including connectors when fully extended.



Polyester Webbing, Alloy Steel, Heat Treated, Zinc
 Black/Orange



Harness

FP19 Portwest 4 Point Comfort Plus

6

Harness

EN 813
EN 358
EN 361
EN 1497



Ergonomically designed with the users comfort in mind, the 4 Point Comfort Plus Harness has been engineered from lightweight aluminium, optimising strength and durability. It provides 4 points of attachment, one rear D ring, two side D rings and an upper and lower chest D ring. Quick release buckles for easy fitting. Ideal for work positioning or suspension work.

Polyester Webbing, Aluminium, Alloy Steel, Heat Treated

X Red/Blue One Size



Ergonomically Designed with Comfort in Mind

FP18

6

Portwest 3 Point Comfort Plus Harness

EN 358
EN 361
EN 1497

Nylon Webbing, Alloy Steel, Heat Treated

X Red/Yellow One Size



FP15

10

Portwest 2 Point Comfort Plus Harness

EN 358
EN 361

Nylon Webbing, Alloy Steel, Heat Treated

X Black/Yellow One Size



Harness

FP17 Portwest 3 Point Comfort

121
Harness
 EN 358
 EN 361



Ergonomic harness with a sliding dorsal D-ring. Features two chest loops, a breathable contoured back pad, two side D-rings and flat bar buckles which are easy to use and fail safe. Constructed using polyester straps for ultimate durability. The waist, chest and leg adjusters offer excellent fit and user comfort.

Polyester Webbing, Alloy Steel, Heat Treated

Red/Blue One Size



**Premium Quality,
 Maximum Strength**

FP14

121

Portwest 2 Point Comfort Harness

EN 358
 EN 361

Polyester Webbing, Alloy Steel, Heat Treated, Polyester Mesh

Red/Blue One Size



FP10

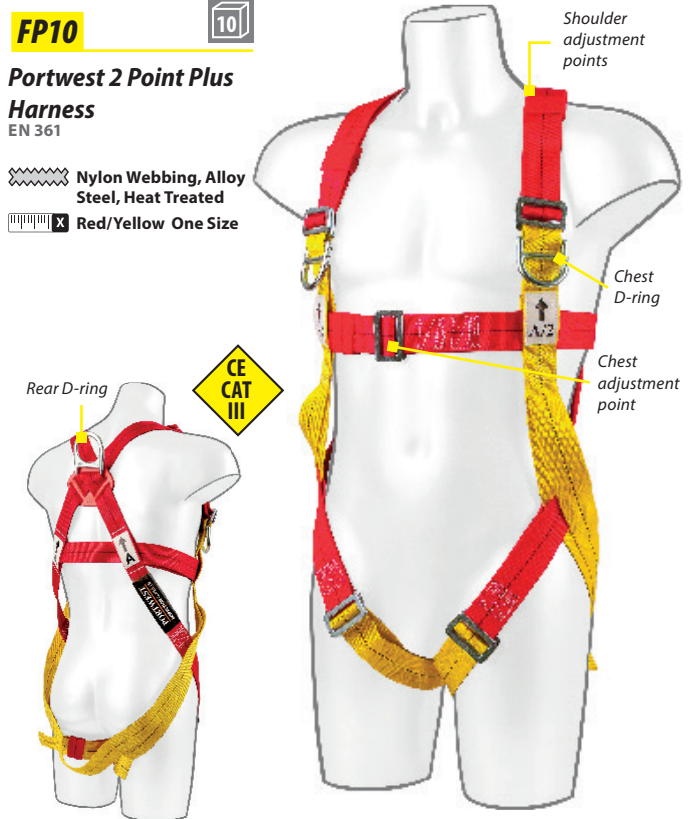
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Portwest 2 Point Plus Harness

EN 361

Nylon Webbing, Alloy Steel, Heat Treated

Red/Yellow One Size



FP13

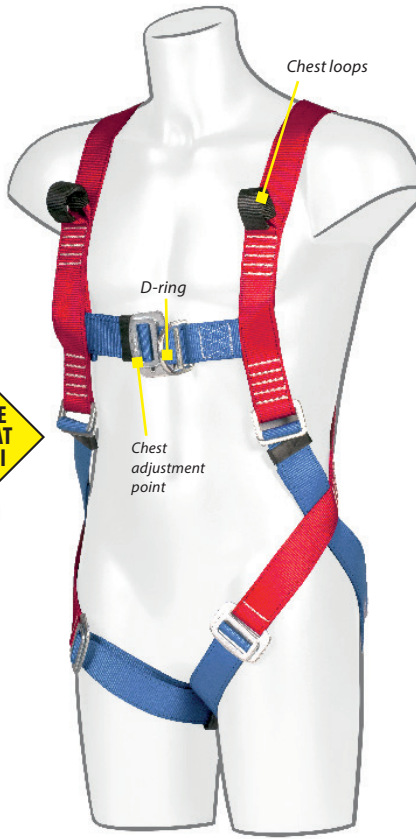
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Portwest 2 Point Harness
EN 361

This full body harness features front and back D-rings and is widely used in the construction industry. It is light weight and easy to use.

 Polyester Webbing, Alloy Steel, Heat Treated
 Red/Blue One Size

Rear D-ring

CE
CAT
III**FP12**

12

Portwest 2 Point Harness
EN 361

Lightweight harness with a sliding dorsal D-Ring. Features two chest loops and an adjustable quick release chest strap. Constructed using polyester webbing straps.

 Polyester Webbing, Alloy Steel, Heat Treated
 Red/Blue One Size

Rear D-ring

CE
CAT
III



Leg adjustment points

FP11

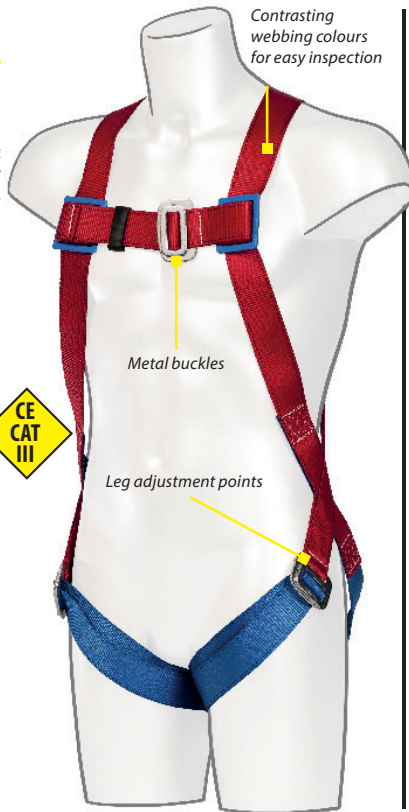
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Portwest 1 Point Harness
EN 361

Suitable for fall arrest or work restraint systems, our entry level full body harness is light weight and easy to use, allowing you a secure fit.

 Polyester Webbing, Alloy Steel, Heat Treated
 Red/Blue One Size

Rear D-ring

CE
CAT
III**FP08**

24

Portwest Work Positioning Belt
EN 358

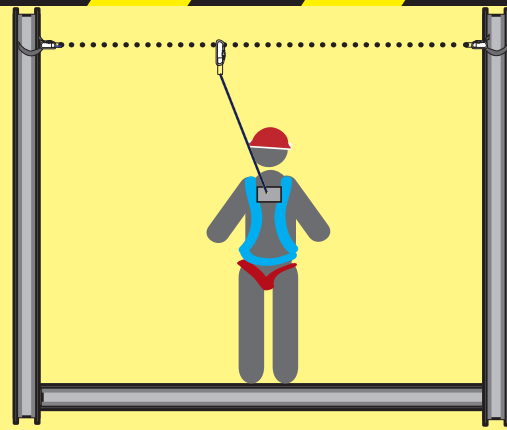
Fully adjustable padded belt, complete with two side D-rings that can also be moved to rear if needed.

 Polyester Webbing
 Black/Red One Size

CE
CAT
IIIPadded
beltSide D-ring for
positioning

Anchorage Device

Anchorage devices are common fall protection solutions in work areas that lack existing anchor points for personnel tie-off. They are certified to the EN 795 standard, making them approved anchor points for any elevated work area that poses a risk of fall to the worker. These points are responsible for connecting the user to a lifeline or lanyard making them must-haves for the safety of workers at height.



FP01 Temporary Horizontal Lifeline

EN 795

4

Constructed with precision engineering and rigorously tested to meet industry standards, the temporary horizontal lifeline is quick and easy to install, extending up to 20 metres in length. Once elevated, this lifeline allows up to two workers to move safely along the line.

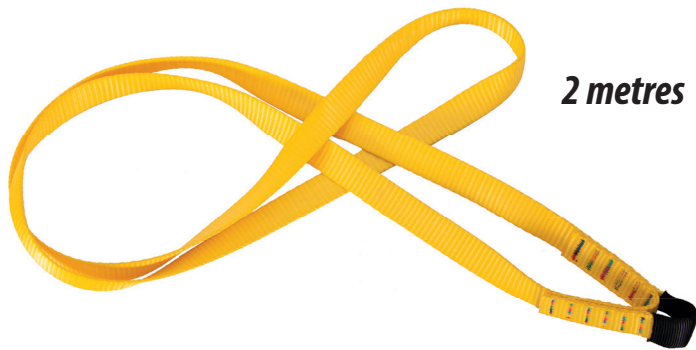


Polyester, Alloy Steel, Heat Treated
 **Black/Yellow**
 20 metres

20 metres



Attached Bag for Easy Transport and Storage



2 metres

FP02 Webbing Anchorage Sling

EN 795

48

24

Engineered using heavy duty polyester webbing for ultimate durability, the 2 metre webbing anchorage sling allows the user to create a safe and reliable connection point which adjusts to a wide variety of anchorage points.



Polyester
 **Yellow**
 2 metres



1 metre

FP05 Cable Anchorage Sling

EN 795

80

20

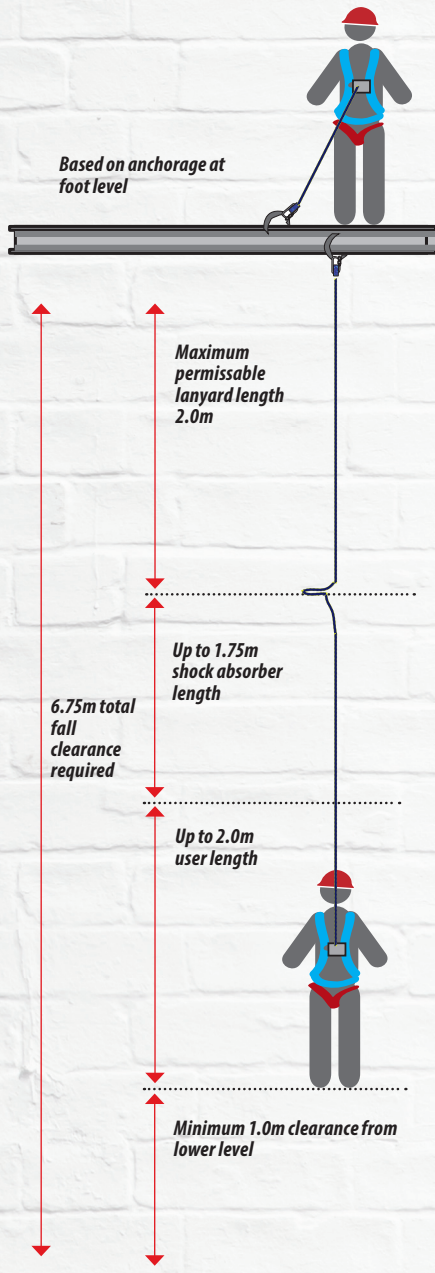
Designed with a thimble loop on each end and protective plastic casing around the wire, the 1 metre steel sling allows for easy anchorage to a variety of structures.



Steel Rope, PVC
 **Silver 1 metre**

Lanyard

Lanyard Fall Clearances



FP23 Single Lanyard With Shock Absorber



EN 354
EN 355
EN 362



This lanyard is 180 cm in total, including 120cm rope, tear open energy absorber, snap hook and a scaffold hook.

Polyester Rope, Aluminium, Alloy Steel, Heat Treated, PVC
 White



FP25 Double Lanyard With Shock Absorber



EN 354
EN 355
EN 362



The double end lanyard has two 120cm ropes with a tear open energy absorber, two scaffold hooks and one snap hook. 180cm in total including scaffold hooks and snap hook.

Polyester Rope, Aluminium, Alloy Steel, Heat Treated, PVC
 White



FP56 Single Kernmantle Lanyard With Shock Absorber



EN 354
EN 355
EN 362



This single kernmantle rope lanyard features a scaffold hook and a carabiner. It is 180cm long including connectors.

Polyester Rope, Alloy Steel, Heat Treated, Aluminium, PVC
 White



FP55 Double Kernmantle Lanyard With Shock Absorber



EN 354
EN 355
EN 362



This double kernmantle rope lanyard features a scaffold hook and a carabiner. It is 180cm long including connectors.

Polyester Rope, Alloy Steel, Heat Treated, Aluminium, PVC
 White



Lanyard

**Fall
Protection
You Can
Depend On**



1115



FP50 Single Webbing Lanyard With Shock Absorber



EN 354
EN 355
EN 362

This lanyard is made with polyester webbing and includes an energy absorber, a self locking carabiner and scaffold hook. It is 180cm long including connectors.

Polyester Webbing, Alloy Steel, Heat Treated, Aluminium, PVC
 Blue



FP51 Double Webbing Lanyard With Shock Absorber



EN 354
EN 355
EN 362

Double ended lanyard featuring high quality webbing, hooks, carabiner and shock absorber. It is 180cm long including connectors.

Polyester Webbing, Alloy Steel, Heat Treated, Aluminium, PVC
 Blue



FP53 Single Elasticated Lanyard With Shock Absorber



EN 354
EN 355
EN 362

This single ended elasticated lanyard features a shock absorber, a scaffold hook, a carabiner and is made from elasticated polyester webbing. It is 180cm long including connectors when fully extended.

Polyester Webbing, Alloy Steel, Heat Treated, Aluminium, PVC
 Hi-Vis Yellow



FP52 Double Elasticated Lanyard With Shock Absorber



EN 354
EN 355
EN 362

This double ended elasticated lanyard features a shock absorber, two scaffold hooks, a carabiner and is made from elasticated polyester webbing. It is 180cm long including connectors when fully extended.

Polyester Webbing, Alloy Steel, Heat Treated, Aluminium, PVC
 Hi-Vis Yellow





FP20 Kernmantle Restraint Lanyard

EN 354
EN 358



Developed for continuous protection while working at heights, this strong, durable 150cm Kernmantle Rope Lanyard has a scaffold hook and carabiner.

Polyester Rope, Alloy Steel, Heat Treated, Aluminium
 White

New



FP24 Single Rope Restraint Lanyard

EN 354
EN 358



This 150cm lanyard is made from Polyester rope with two carabiners at each end.

Polyester Rope, Alloy Steel, Heat Treated
 White



FP21 Single Restraint Lanyard

EN 354
EN 358



This 150cm lanyard is made from polyester rope with a scaffold hook and a carabiner.

Polyester Rope, Alloy Steel, Heat Treated, Aluminium
 White



FP22 Adjustable Restraint Lanyard

EN 354
EN 358



Adjustable rope lanyard ideal for work restraint. It is 200cm in length including connectors.

Polyester Rope, Alloy Steel, Heat Treated, Aluminium
 White

IMPROVED
Added carabiner for easier connecting



FP26 Work Positioning Lanyard with Grip Adjuster

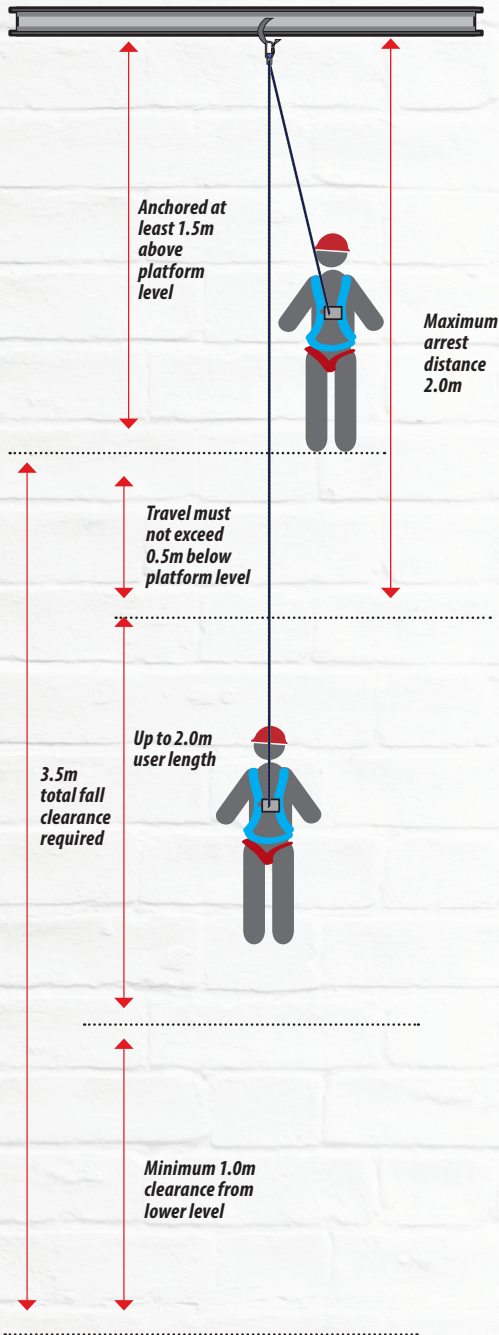
EN 358



Designed to optimise strength, durability, and flexibility. This 2 metre adjustable kernmantle rope lanyard is ideal for work positioning. A snap hook and an adjustable rope grab, allows for quick and easy positioning when working at height.

Kernmantle Rope, Steel Alloy, Heat Treated
 White

Fall Arrest Block Clearance



Automatic Fall Arrest Block

Automatic fall arrest blocks could be compared to the seatbelt of a car. The life line is coiled inside high quality durable housing where it can extend and retract. This means the line is under constant tension ensuring that there is no slack thus reducing the risks of trip or slip hazards. In the event of a fall the arrest block will lock and stop your fall after a short distance. Designed to be used with all Portwest harnesses and connectors.



FP41 10m Retractable Fall Arrest Block

EN 360
EN 362



FP41 10m



New

FP42 6m

FP42 6M Retractable Fall Arrest Block

EN 360
EN 362



This fall arrest block comprises of a retractable lifeline made of 4.8mm wire rope which is stored on a reel within a protective housing. The reel is spring-based to wind the retractable lifeline in. The reel incorporates an inertia brake mechanism, which allows the lifeline to be slowly extracted and automatically retracted to accommodate the user's body movements. It also comprises of a swivel snap hook with a double safety lock and fall indicator.

Steel Rope, ABS Plastic Shell, Alloy Steel, Heat Treated
 Black



FP40 Web Fall Arrest Block

EN 360
EN 362



3 metre retractable webbing lifeline including a carabiner and swivel snap hook with double safety lock with load indicator. Manufactured using ultra high molecular weight polyethylene webbing, this arrest block is high strength, light weight, UV and water resistant.

ABS Plastic Shell, Polyethylene Webbing 3 metres, Alloy Steel, Heat Treated
 Hi-Vis Orange



FP48 Self Retract Lifeline

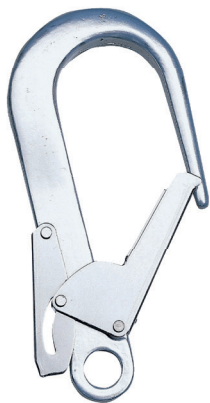
EN 360
EN 362



1.35 metre retractable webbing lifeline including a carabiner, shock absorber and swivel snap hook with double safety lock and load indicator. The webbing is manufactured using ultra high molecular weight polyethylene. This next generation arrest block is high strength, light weight, UV resistant and water resistant.

ABS Plastic Shell, Polyethylene Webbing 1.35 metres, Alloy Steel, Heat Treated, PVC
 Black

Accessories Range



FP35 Scaffold Hook
EN 362

25

Steel forged scaffold hook.
Length: 220mm, Gate opening: 52mm.
Breaking load: 25kN.

Alloy Steel, Heat Treated
Silver One Size



FP36 12mm Detachable Rope Grab
EN 353-2

36

In the event of a fall the rope grab becomes locked and prevents decline. Attachment ring allows connection of lanyard or any number of other products. Removable feature allows rope grab to be attached or detached anywhere along the lifeline. Trailing feature allows rope grab to follow user providing freedom of movement.

Stainless Steel
Silver One Size



FP30 Screwgate Carabiner
EN 362

100
10



Steel oval carabiner with screw lock, length: 106mm, opening: 19mm. Breaking load: 25kN.

Alloy Steel, Heat Treated, Zinc
Silver One Size



FP33 Twist Lock Carabiner
EN 362

100
10



This twist-lock carabiner features a 20mm gate opening for securing a connecting device such as a fall arrest lanyard to an anchorage point. Breaking load: 20kN.

Steel Alloy, Heat Treated
Silver



FP32 Aluminium Twist Lock Carabiner
EN 362

100
10



This lightweight twist-lock carabiner features a 20mm gate for securing a connecting device such as a fall arrest lanyard to an anchorage point. Breaking load: 23kN.

Aluminium
Silver One Size



FP27 10m x 12mm

FP27 10 Metre Static Rope
EN1891

20



FP28 15m x 12mm

FP28 15 Metre Static Rope
EN1891

12



FP29 30m x 12mm

FP29 30 Metre Static Rope
EN1891

6

12mm diameter kernmantle static rope. Ideal for use with detachable rope grab. Kernmantle rope is a low stretch, high strength rope with a tightly woven mantle skin that prevents the product from untagling, making this product acceptable for all uses including running a speed line.

Kernmantle Rope
White



Tool Lanyard



FP34 Tool Lanyard

x24
10



Essential for anyone working at height, the tool lanyard can be attached to the user's wrist or person. This can be done using the carabiner or elasticated drawstring, leaving the other end attached to your tool. This item prevents your tool from becoming a dangerous falling object and a safety hazard when working at height. Safe Working Load 2kg.

Polyester
 Black 90cm

90cm



FP54 Double Tool Lanyard

x24
10



Double elasticated tool lanyard for multiple tools. This item prevents tools from becoming dangerous falling objects and a safety hazard when working at height. Safe Working Load 3kg.

Polyester Webbing, Aluminium
 Black

80cm



FP45 Quick Connect Clips (x3)

x24
10



3 pack of interchangeable connectors which attaches to the FP44 Tool Lanyard. Quick and easy exchange of multiple tools.

Polyester Webbing, Plastic
 Hi-Vis Green 30cm

30cm



FP44 Quick Connect Tool Lanyard

x24
10



A versatile tool lanyard which prevents falling objects from a height. Specifically designed to be interchangeable with FP45, suitable for quick and easy exchanges of multiple tools. Safe Working Load 1kg

Polyester Webbing, Plastic
 Hi-Vis Green 90cm

90cm



FP49 Helmet Lanyard

x24
10



Introducing the ultimate in helmet safety, the helmet lanyard is essential when working at height. One end of the lanyard attaches to the helmet and the other end attaches to the users clothing, preventing the helmet from falling and causing injury.

Polyester Webbing, Plastic
 Hi-Vis Green 80cm

80cm



FP46 Coiled Tool Lanyard

x24
10



This Coiled Tool Lanyard keeps the length of the lanyard close to the anchoring point. This item prevents attached tools being dropped from height. The swivel carabiner is designed to prevent tangles. Safe Working Load 0.5kg.

Steel Rope, PVC Coated
 Hi-Vis Green

40cm



FP99 Nylon Drawstring Bag

60

This versatile drawstring bag is high strength yet lightweight, making it ideal for securely holding your fall protection products.

100% Nylon, PU Coated
 Black 75cm X 55cm



FP98 Suspension Trauma Safety Straps

80
10

2

The straps are designed to be used after a fall has occurred to stop the harness from damaging your circulation when you are suspended in it.

Polyester Webbing
 Black
White Adjustable size-



Fall Protection Kit

FP62 Fall Arrest Kit

- 2 Point Harness
- Single Lanyard with Shock Absorber, Snap Hook and Scaffold Hook
- Nylon Drawstring Bag



FP63 Industrial Kit

- 2 Point Harness
- Steel Rope Fall Arrest Block
- Single Lanyard with Carabiner and Scaffold Hook
- Carabiner
- Nylon Drawstring Bag



FP64 Scaffolding Kit

- 2 Point Harness Comfort Plus
- Double Lanyard with Shock Absorber, Snap Hook and 2 Scaffold Hooks
- Nylon Drawstring Bag



FP65 Construction Kit

- 2 Point Harness Comfort Plus
- Single Lanyard with Carabiner and Scaffold Hook
- Double Lanyard with Shock Absorber, Snap Hook and 2 Scaffold Hooks
- Nylon Drawstring Bag



Fall Protection Kit

FP66 10m Roofing Kit

- 2 Point Harness
- Carabiner
- 12mm Detachable Rope Grab
- 10 metre Kernmantle Static Rope
- Nylon Drawstring Bag



FP67 15m Ascending/Descending Kit

- 2 Point Harness
- Carabiner
- 12mm Detachable Rope Grab
- 15 metre Kernmantle Static Rope
- Nylon Drawstring Bag



FP68 30m Ascending/Descending Kit

- 2 Point Harness
- Carabiner
- 12mm Detachable Rope Grab
- 30 metre Kernmantle Static Rope
- Nylon Drawstring Bag

