



Because Life is a Gift.



FALL ARREST CATALOGUE

THE **ULTIMATE SAFETY** EQUIPMENTS

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Selecting the correct Fall Arrest Equipment

There are three key components of a Personal Fall Arrest System (PFAS) which must be in place and properly used to provide maximum worker protection

- Anchorage Point - Body Harness -Connecting Element

Selecting the Correct Anchorage Point

When attached to a suitable anchorage point, the anchorage connector completes the workers fall arrest system. The best harness with the best lanyard cannot arrest a fall if an unsuitable anchorage is selected. An anchorage must support 12kN for a single tie-off for one individual, and in all cases the anchorage point selected must allow for minimum free fall clearances. An anchorage should also be positioned directly overhead whenever possible to avoid the pendulum effect which can cause a worker to swing as they fall, creating the potential for injury. Anchorage point range from class A1 single point anchors, class A2 inclined roof anchor, class B temporary anchors, class B temporary anchors, class C horizontal flexible cable systems, class D horizontal rails and class E dead weight anchorages

Selecting the Correct Body Harness

When selecting the right harness, wearer's must choose a harness that is designed for a specific application. A class 'A' harness shall have a dorsal D ring for fall arrest purposes. A class 'D' harness allows the user to connect into a control descent system or vertical anchorage lifeline. A class 'E' harness with a pair of shoulder D ring allows the user to connect into a confined space access system. A class 'P' harness allow user to connect to a work positioning system. A class 'D', 'E', and 'P' harness will also meet the class 'A' harness requirements with a standard Dorsal D Ring

Selecting the Correct connecting Element

The correct connection component such as energy absorber lanyard of a fall arrest system acts to reduce the force of a sustained fall, when used in conjunction with a full body harness and suitable anchorage

Depending on the work application, there are a number of connector choices available to workers including lanyards for restraint fall arrestors and self retractable lifeline

When choosing the correct connection, it is important to consider the fall clearance distance, as well as the work application

FALL PROTECTION

FULL BODY HARNESS



A full-body harness is the only acceptable form of body wear for fall arrest applications to ensure that the fall-impact forces are equally distributed on to the stronger and fleshy parts of the body. Safeware Full Body Harnesses are designed to distribute fall arrest forces across the shoulders, thighs, and pelvis.

Full body Harness with Dorsal D-ring [SW-PN-311](#)

- **Attachment Elements:** A dorsal attachment D-Ring for fall arrest
- **Adaptability:** 3 pieces of steel adjustable buckles on chest straps & thigh straps; Sliding plates on chest strap for easy adjustment
- **Convenience:** Shoulder and thigh straps differentiated by a dual colour scheme
- **Ergonomics:** Ideally positioned sit-strap for extended comfort
- **Compliance:** EN361:2002, SS528:2006



Full body Harness with Chest & Dorsal D-ring [SW-PN-317](#)

- **Attachment Elements:** A sternal and dorsal attachment D-Ring for fall arrest
- **Adaptability:** 5 pieces of steel adjustable buckles on shoulder straps, chest straps & thigh straps; Sliding plates for easy adjustment of chest strap
- **Convenience:** Shoulder and thigh straps differentiated by a dual colour scheme
- **Ergonomics:** Ideally positioned sit-strap for extended comfort
- **Compliance:** EN361:2002, SS528:2006

Full body Harness with Dorsal & shoulder D-ring [SW-PN-318](#)

- **Attachment Elements:** Shoulder D-Ring for entry or egress and a dorsal attachment D-Ring for fall arrest
- **Adaptability:** 5 pieces of steel adjustable buckles on shoulder straps, chest straps & thigh straps; Sliding plates for easy adjustment of chest strap
- **Convenience:** Shoulder and thigh straps differentiated by a dual colour scheme
- **Ergonomics:** Ideally positioned sit-strap for extended comfort.
- **Compliance:** EN361:2002, SS528:2006





LANYARDS



Connecting Lanyards are a crucial component of a complete Fall Arrest System. It is literally defined as a flexible line securing a full body harness to an anchorage point. Safeware Kernmantle connecting Rope lanyard provide the critical link that joins the full-body harness to the anchorage point by means of a Scaffold Hook and twisted lock Karabiner.

Energy Absorber Rope Lanyard SW-PN-507-1.8M

- **Connecting Elements:** A twist lock steel Karabiner and a scaffolding steel hook
- **Lanyard Type:** Energy Absorbing with single Kernmantle Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility
- **Rope End:** Sewn with thimbles and splines are protected by a sleeve
- **Compliance:** Conforms to CE EN355, CE EN362, CE EN354, SS528:2006



Energy Absorber Twin Rope Lanyard SW-PN-507-1.8M

- **Connecting Elements:** A twist lock steel Karabiner and 2 scaffolding steel hook
- **Lanyard Type:** Energy Absorbing with twin Kernmantle Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility.
- **Rope End:** Sewn with thimbles and splines are protected by a sleeve
- **Compliance:** Conforms to CE EN355, CE EN362, CE EN354, SS528:2006

Restraint Rope Lanyard SW-PN-L602-1.8M

- **Connecting Elements:** A twist lock steel Karabiner and 2 scaffolding steel hook
- **Lanyard Type:** Kernmantle Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility
- **Rope End:** Sewn with thimbles and splines are protected by a sleeve
- **Compliance:** Conforms to CE EN355, CE EN362, CE EN354, SS528:2006





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