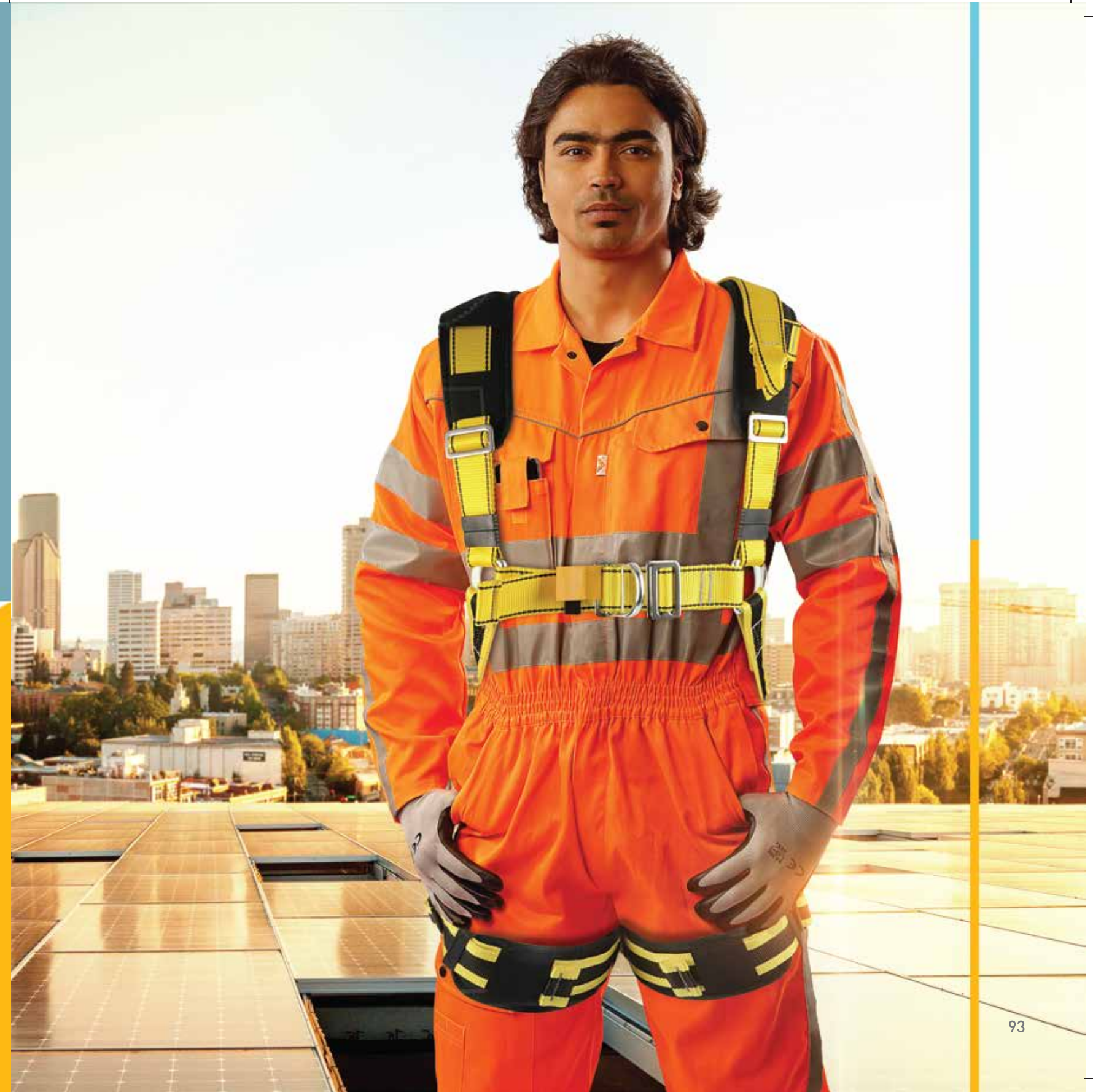


# FALL PROTECTION

In the last few decades, Mallcom has successfully established itself as a renowned head-to-toe PPE solution provider, with its foray into fall protection equipment. From construction to engineering, telecom to mining, in every field of work, fall protection gear from Mallcom offers quality protection along with globally standardized certifications. With its stringent quality control system and design innovation process, these products ensure that everyone works safely, no matter what the height.





### HB 01

M-Adjustable

Bi-colour full body safety harness.  
1 attachment point (rear).  
2 adjusting buckles.



EN361



Wider strap for better safety



### HB 04

M-Adjustable

Bi-coloured full body safety harness.  
Work positioning belt (thermoformed back).  
3 attachment points (rear-chest-lateral).  
3 adjusting buckles.



EN361  
EN358



Thermoformed back support



### HB 02

M-Adjustable

Bi-coloured full body safety harness.  
2 attachment point (rear-chest).  
2 adjusting buckles.



EN361



Bi-coloured webbing for higher visibility



### HB 03

M-Adjustable

Bi-coloured full body safety harness.  
2 attachment points (rear-chest).  
4 adjusting buckles.



EN361



Adjustable buckle on thigh straps





### HB 06

M-Adjustable

Bi-coloured full body safety harness.  
Work positioning belt (thermoformed back).  
3 attachment points (rear-chest-lateral).  
5 adjusting buckles.



EN361  
EN358



Adjustable work positioning belt



### ET 200

3 strands rope, 2 thimble loops.  
Length 1.8 m, Dia 14 mm.

### ET 150

3 strands rope, 2 thimble loops.  
Length 1.5 m, Dia 14 mm.

### ET 100

3 strands rope, 2 thimble loops.  
Length 1 m, Dia 14 mm.



EN354



Thimble loops



### WP 01

Work positioning lanyard.  
Adjustable with reducer.  
Length 1 to 2 m.  
3 strands cord.  
Dia 14 mm.



EN358



### HB 21

M-Adjustable

Bi-coloured full body safety harness.  
Work positioning belt & sit harness.  
Thermoformed back support.  
5 attachment points (rear-chest-central-lateral).  
6 adjusting buckles.  
44 mm wide strap.  
Corrosion resistant parachute buckles.  
Orange & cambridge blue bi-coloured webbing.



EN361  
EN358  
EN813



Parachute buckles & Thermoformed support



### WP 02

Bi-coloured work positioning belt.  
Thermoformed back support.  
2 lateral attachment points.  
1 adjusting buckle.  
Back support lining.



EN358



Adjustable buckle



### 2ET 202

Energy absorbent fall arrester.  
3 strands rope, Dia 14 mm.  
Length 2 m.  
2 screw karabiners with 12 mm opening.



EN355

### 2ET 203

Energy absorbent fall arrester.  
One double 3 strands rope, Dia 14 mm.  
Length 2 m.  
3 karabiners with 12 mm opening.



EN355

### 2ET 204

Energy absorbent fall arrester.  
3 strands rope, Dia 14 mm.  
Length 2 m.  
1 screw karabiners with 12 mm opening.  
1 steel snap hook with 58 mm opening.



EN355

### 2ET 205

Energy absorbent fall arrester.  
2 pieces of 3 strands rope, Dia 14 mm.  
Length 2 m.  
1 karabiners with 12 mm opening.  
2 steel snap hooks opening 58 mm.



EN355



### 2ET 403

Expandable energy absorbent fall arrester.  
Twin forked expandable lanyards.  
47 mm width and 2 m expandable length.  
Length 2 m.  
3 karabiners with 18 mm opening.



EN355

### 2ET 405

Expandable energy absorbent fall arrester.  
Twin forked expandable lanyards.  
47/48 mm width and 2 m expandable length.  
Length 2 m.  
1 karabiners with 18 mm opening.  
2 steel snap hooks with 58 mm opening.



EN358

### ST 250

Webbing self-retractable lanyard.  
Length 2.5 m.  
1 screw lock karabiner of 18 mm opening.



EN360



### SK 01

Steel karabiner with screw lock.  
Opening 18 mm. 20 kN.



EN362:2004



Screw lock



### SK 02

Steel quarter-turn karabiner.  
Automatic lock.  
Opening 20 mm. 20 kN.



EN362:2004



### SK 03

Steel karabiner with screw lock.  
Opening 12 mm. 20 kN.



EN362:2004



### SK 04

Steel snap hook. Automatic lock.  
Opening 58 mm. 20 kN.



EN362:2004



58 mm wider opening

## SAFETY HELMET

Few injuries are more fatal or more damaging than head injuries. Concussions, brain injuries, permanent or temporary brain damage are just a few of the possible outcomes of a blow to the head. Additionally, workers who are exposed to potential electric shock need to protect against that as well. Basic Personal Protective Equipment required for any worker is the safety helmet.

### ASSESSMENT FACTORS

- Is there a possibility that something might fall from overhead?
- Are there any exposed electrical components (wiring, conductors, etc.) that might come into contact with your head?
- Are there fixed objects low enough, that one might bump into accidentally?

If you have answered "yes" to any one of these questions, then you should be wearing a safety helmet.

### GLOSSARY

**Bump Cap** - Head protection gear designed for protection against low clearance objects only. A bump cap is not to be used in lieu of a hard hat where a hard hat is required.

**Cap style** - Refers to a safety helmet that has a brim on the front of the helmet only.

**Four Point Suspension** - Refers to the number of clips that connect the suspension to the inside of the safety helmet. Safety helmets usually come in a four-point or a six-point suspension.

**Full Brim** - Refers to a safety helmet that has a brim that wraps around the entire safety helmet, as compared to the cap style safety helmet where the brim is only in the front of the safety helmet.

**Pin lock** - Refers to the safety helmet suspension that adjusts to the head size by means of a set of holes on the one side of the strap and little "pins" that snap into the holes on the other side.

**Ratchet** - Refers to the safety helmet suspension that adjusts to the head size using a ratchet adjustment knob. Simple, easy and quick, this allows the safety helmet to be fit tight and comfortably.

**Six Point Suspension** - See "Four-point Suspension"

**Slots** - Refers to the slot in the side of the safety helmet that is designed to accept accessories such as ear muffs, face shields or other safety helmet accessories.

### KEY PANEL

Light weight	Anti-scratch	Anti-fog
Indoor/Outdoor	Indoor	UV resistant

## STANDARDS FOLLOWED

### EN 397:1995 + A1:2012 Protective helmets for industry

(BSEN 397:1995+A1:2012) details physical and performance requirements, methods of test and marking requirements for general-use of industrial safety helmets. Performance requirements for the helmet shell are provided. Mandatory requirements such as shock absorption, resistance to penetration, flame resistance, chin strap anchorages, and label are addressed. Physical requirements for industrial safety helmets including materials and construction, external vertical distance. Internal vertical distance, internal vertical clearance, horizontal distance, and wearing height are included.

### EN 812:2012 Bump caps for industry

These are essentially intended for inside use. A bump cap is not intended to protect against the effects of falling objects and must not under any circumstance replace a protective industrial helmet.

### EYE PROTECTION

Eye protection needs to be routinely considered for use by carpenters, electricians, machinists, mechanics, millwrights, plumbers, pipefitters, sheet metal workers, tinsmiths, assemblers, sanders, grinding machine operators, sawyers, welders, labourers, chemical process operators and handlers and timber cutting and logging workers.

### ASSESSMENT FACTORS

Employers of workers in other job categories should decide whether there is a need for eye and face protecting PPE through a hazard assessment.

Examples of potential eye or face injuries included:

- Dust, dirt, metal or wood chips entering the eye from activities such as chipping, grinding, sawing, hammering, the use of power tools or even strong wind forces.
- Chemical splashes from corrosive substances, hot liquids, solvents or other hazardous solutions.
- Objects swinging into the eye or face, such as tree limbs, chains, tools or ropes.
- Radiant energy from welding, harmful rays from the use of lasers or other radiant light (as well as heat, glare, sparks, splash and flying particles).

## STANDARDS FOLLOWED

### EN 166:2002 Personal eye-protection against various dangers

The EN 166 standard is applicable to all types of personal eye protectors used against various dangers liable to damage the eye or to alter the vision, with the exception of radiation of nuclear origin, X rays, laser beams, infrared rays given out by sources at low temperatures.

The specifications of this standard are not applicable to eye protectors for which separate and complete standards exist, such as anti-laser eye protector, all purpose solar spectacles, etc. The eye protectors fitted with corrective lenses are not excluded from the application field.