



**PROTECTIVE HEADWEAR**



## EUROPEAN STANDARDS FOR HEAD PROTECTION

Safety and protective helmets are designed so that the energy developed during an impact is absorbed by the partial destruction of the cap and the harness. We draw users attention on the possible dangers when modifying or doing away with one of the original elements of the helmet other than those recommended by the manufacturer.

**EN397: Protective helmets for industry**

**EN812: Shock-proof caps (anti-scalp)**

## EN 397 STANDARD: PROTECTIVE HELMETS FOR INDUSTRY

The EN397 standard, which regards the "protective helmets for industry", requires the following markings:

Each helmet must bear a moulded or printed marking featuring the following indications:

- a) the existing European standard number
- b) the name or the manufacturer identification mark
- c) date of the quarter and the year of manufacture
- d) the helmet type
- e) the size or size range.

Further indications, like instructions or recommendations of adjustment, assembling, use, cleaning, disinfecting, maintenance, revision and storage, are specified in the instructions for use.

## EN 812 STANDARD: PROTECTIVE HELMETS FOR INDUSTRY

The EN812 standard, regards the shock-proof caps (anti-scalp) of current use, used in the industry, to protect head when it hits hard objects liable to cause tearing up or other superficial injuries to the user or knock him out. They are essentially intended for inside use.

A shock-proof cap is not intended to protect against the effects of falling objects and must not under any case replace a protective industrial helmet for this application according to the EN397 standard.

## JSP HEADMASTER HELMET

A high volume, low cost general purpose helmet shell manufactured from high density polyethylene.

Replaceable foam sweatband. 4-Point suspension.  
Slip ratchet adjustable headband.

Conforms to EN 397

Product Codes: PHH03HD White  
PHH54HD Red  
PHH13HD Blue  
PHH12HD Yellow  
PHH22HD Green  
PHH67HD Orange



## JSP HEADMASTER COMFORT HELMET

An all purpose helmet designed with safety and comfort in mind. Shell manufactured from HDPE with integral rain channel for greater comfort in poor weather. 4-point suspension harness. Slip ratchet adjustable headband. International slot to accept accessories.

Conforms to EN397

Product Codes: PHH92HD White  
PHH116HD Yellow



## JSP MARK 2 HELMET

A popular, tough and functional helmet. Helmet Shell manufactured from impact-resistant UV stabilised high density polyethylene.

Replaceable foam sweatband, Adjustable 6-point low density polyethylene harness. Fully adjustable slip ratchet headband. Large area for printing logos,

Conforms to EN397, ANSI Z89

Helmet offers 440v, electrical insulation 530-620mm.

Product Codes: PHH85HD Blue  
PHH09HD White  
PHH68HD Orange  
PHH26HD Yellow  
PHH55HD Red



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## JSP MARK 3 HELMET

Traditionally Europe's most popular design, these stylish helmets are tough, functional and offer an extremely comfortable secure fit on the head for prolonged periods of use. Designed for prolonged wearer comfort. Replaceable foam sweatband, 6-point terylene webbing comfort plus suspension harness. Shell manufactured from impact-resistant UV stabilised high density polyethylene. Wide area on the front of helmet for corporate logos or images. Fully adjustable harness offers a secure safe fit of helmet. Light well balanced design with low dome profile. Helmet offers 440v electrical insulation incorporates a rain channel. Accepts Cliptite accessories. Conforms to EN397, ANSI Z89.



Product Codes: PHH05HD White  
PHH88HD Green  
PHH19HD Yellow  
PHH24HD Blue  
PHH62HD Orange

## JSP SURVEYOR HELMET

This is an ideal helmet for Surveyors who need to work close to instruments and for Architects and Scaffolders who need enhanced vertical viewing. Low dome profile Incorporates a rain channel. Wheel ratchet or slip ratchet adjustable headband 6-point terylene webbing Comfort Plus suspension harness or standard Polyethylene harness options. Accepts Cliptite Accessories.

Conforms to EN 397, ANSI Z89 Helmet offers 440v electrical insulation.

Shell manufactured from impact-resistant UV Stabilised high density Polyethylene.

Product Codes: PHH06HD White  
PHH07HD Yellow with wheel adjustment



## PROTECTOR STYLE 600 HELMET

The Protector Style 600 safety helmet has a unique combination of safety, comfort and styling features, to ensure acceptance by users in the most arduous head protection environments.

The Style 600 helmet range is available in a choice of ventilation options and with the innovative HXSPEC retractable spectacle to ensure eye protection is always available to the user.

### Key Features:

- Innovative design
- Integral spectacle option
- Unique ventilation option
- Hearing protection interface
- Comfortable and well balanced
- VDE approved to 1000 Vac
- Polycarbonate version available for high heat applications

Conforms to EN397

Product Codes: PHH96HD Red  
PHH72HD Blue  
PHH73HD White



## COMPATIBILITY WITH OTHER PROTECTIVE EQUIPMENT

The Protector Style 600 helmet has been specifically designed to ensure compatibility with other types of Personal Protective Equipment.

Key features include: A unique scalloped headband design at the sides of the helmet shell – Ensures good compatibility with **earmuffs** and consistent earmuff performance. The helmet accessory slot is compatible with 25mm and 30mm attachments – The Style 600 is designed to accept a wide range of earmuffs.

Specially designed **visor carriers** have been developed – Ensures a good seal with the helmet whilst minimising interference with hearing protection.



# PROTECTIVE HEADWEAR



## PROTECTOR ELITE 300 HELMET

The Protector Style 300 safety helmet is stylish and comfortable and weighs just 310 grammes. Manufactured from high-density polyethylene, the helmet has a choice of an eight point terylene or plastic head gear. The helmet is very well balanced when worn, maximising both comfort and protection for the wearer. The distinctive contoured helmet shape has been specifically designed to be used with hearing protection.

### Key Features

- Lightweight
- Extremely durable
- Comfortable and well balanced

Conforms to EN39

Product Codes: PHH78HD White  
PHH74HD Yellow



## FORESTRY HELMET

The popular Forestry Helmet - A combination helmet comprising of: Orange Helmet complete with visor carrier, 20cm/8" Wire Gauze Visor and Ear Defenders. 6-point suspension harness with fully adjustable slip ratchet headband. Conforms to EN397, ANSI Z89 20cm/8" Wire Gauze Visor.

Conforms to EN 1731, ANSI Z87 Visor

Bound with aluminium for added strength and durability complying to EN 1731, ANSI Z87 Ear Defenders to protect the hearing offering an SNR value of 27. Conforms to EN352-3 Protects against large flying particles.

Product Code: PHH44HD



## SUREFIT HELMET MOUNTED EAR DEFENDER

The new Surefit™ Attachment Ear Defenders have been designed so there is a clear point of travel from when they are depressed and in use to when they may be pulled away from the ear and left in a 'stand off' position. Provide excellent attenuation (28snr) and ease of use. International slot enables firm fitting of the ear defender. Stand-off position when not needed. All day comfort from soft foam pads. Fits Mark II and Mark III Helmet.

Product Code: PEM54HD



## SUREFIT SAFETY VISOR

The Surefit™ Safety Visor has been designed with 2 point travel and either springs firmly in place down onto the peak of the helmet (both standard peak and short peak), or is sprung in its stand off position raised conveniently out of the way. Available in Polycarbonate, Acetate and Forestry Mesh formats.

Product Code: PVI55HD Polycarbonate Visor & Carrier



# PROTECTIVE HEADWEAR

## FIRST BASE + BASEBALL CAP

Designed to maximise comfort and user appeal, the First Base + safety baseball cap is the result of over five years product development in head bump protection.

Safety with Style First Base + is designed to provide the wearer with bump protection in a wide range of low risk applications.

Style with Comfort - First Base + is styled to maximise wearer comfort and maintain high visual integrity. Its a bump cap that people will want to wear.

### Key Features:

- Patented flexible shell design, manufactured from durable ABS plastic
- Breathable cap fabric and high levels of ventilation reduces heat stress and improves wearer comfort
- Unique semi-elastic size adjustment improves the security of the cap on the head, with a size range of 52-65 cm
- Contamination free cap design - no risk to process - particularly suited to applications in precision engineering and the food industry
- Distinctive modern low profile design
- Fully machine-washable with plastic inner peak
- Colour Options - Navy Blue, Royal Blue, Black, Red, Dark Green & Grey
- Standard (77mm) or reduced peak (50mm) options
- Unrivalled comfort - Closed cell soft foam pad, with wide and absorbent terry towelling sweatband
- Optional corporate branding available

Conforms to EN 812

Product Codes: PHT37HD Navy  
PHT38HD Green  
PHT39HD Red

**SCOTT**  
HEALTH & SAFETY



## PELTOR G2000

The G2000/G2001 is an extremely high-class CE-marked hardhat with effective shock absorption. Meets European standard EN 397 with approved extra requirements for lateral deformation (ID), molten splash metal (MM) and low temperature (-30°C). In addition the G2001 is approved to the requirements for electrical insulation (440 vac).

Colour(s): Green, Blue, Orange, Yellow, Red, White

Harness: G2C, G2D

Material: UV stabilised

ABS Slot: P3E, P3K

Weight: Approx. 340 g

Conforms to EN 397

Product Codes: PHH16HD Yellow  
PHH31HD Green  
PHH50HD Red  
PHH56HD White  
PHH77HD Blue  
PHH133HD Orange

**PELTOR**  
The Optimal Solution

\*Note: Ear Muffs not included



# PROTECTIVE HEADWEAR

## PELTOR G3000

The G3000 is developed in close collaboration with forestry workers to meet stringent demands for more effective protection, better ventilation and a wider field of vision.

The G3000 is produced in high quality UV-stabilised ABS-plastic and it got top result for absorbing and distributing forces from fallen objects. This helmet is one of the lightest safety helmets on the market.

The G3000 has more ventilation holes distributed over a larger area than normal. Consequently G3000 offers a maximum through flow of air without affecting the helmet's strength.

To improve the field of vision, the G3000 helmet has been designed with a shorter screen, without compromising on anti-dazzle and other properties.

The G3000 helmet lining can be turned 180 degrees (and it is CE-approved in this position) – a big advantage for climbing and work in confined spaces.

Conforms to EN 397 with approved extra requirements for electrical insulation (440V), valid for G3001, and low temperature (-30° C).



The Optimal Solution

Product Code: PHH65HD Yellow

## CENTURION CONCEPT – LINESMAN SAFETY HELMET

A specialist version of the Concept safety helmet, this version is non-vented affording additional protection for adverse weather conditions.

A reduced peak helmet with high security head harness and quick release chin strap.

Manufactured from tough ABS material it is extremely lightweight yet strong.

Extended nape providing increased neck protection.

Uses the Centurion 6 point Terylene cradle and headband, plus the new Hydro-Flock high absorbent sweatband.

Compatible with Connect Face and Hearing Accessories.

Internal badge holder provided for user identification / or medical data.

Sizes - Adjustable 51-63cm.

Conforms to EN397. 440V a.c, LD, MM, -40°C.

Additional approvals. 1000V a.c, ANSI Z89.1-2003 Type 1, Class E: 20,000V ac.

# CENTURION



Product Code: PHH137HD

# PROTECTIVE HEADWEAR

## MK8 EVOLUTION™

**3X STRONGER THAN ANY OTHER INDUSTRIAL SAFETY HELMET IN THE WORLD**

### HEAD PROTECTION HAS EVOLVED

The Mk8 Evolution™ is the only industrial safety helmet in the world meeting and exceeding the new far tougher head protection standard EN14052. The new EN14052 standard requires the helmet to withstand forces over 3 times the crown impact level of those in the old EN397 standard and for the first time provide protection from side impacts to the same level as forces experienced on the crown impact test of EN397!!! It is the biggest step forward in head protection since the old British Standards came into force in the 1970's which later formed into the EN397 standard.

Whilst some helmets have been made much lighter with material effectively being taken out of areas away from the over-emphasised crown impact test area of EN397 so they are cheaper to manufacture, there is a resultant reduction in peripheral safety performance of such 'lightweight' EN397 helmets. EN14052 effectively deals with this issue as it is such a severe standard and far better suited to protecting against the real hazards of working on today's sites as opposed to the old standard more suited to sites typical of the 1970's. Modern sites are typically far more frenetic, with more equipment and machinery operating, with the peripheral dangers of swinging objects from cranes and the like, as well as in general being much higher rise meaning greater velocity and load masses of falling objects.



**HIGH IMPACT  
SIDE IMPACT**



#### PENETRATION TEST FOR EN14052

Helmet is hit twice, once in the crown area with a 1kg flat bladed striker from 2.5 metres. The Helmet is then re-conditioned and the same weight is dropped from 2 metres onto the shell at any angle between 15° and 60° for Side Impact performance.

#### IMPACT TEST FOR EN14052

Helmet is hit twice, once in an area within a 35mm radius of the crown with a 5kg weight from 2 metres. The Helmet is then re-conditioned and the weight is dropped from 1 metre onto the shell at any angle between 15° and 60° for Side Impact performance.

#### PENETRATION TEST FOR EN397

Helmet is hit once by a 3kg pointed striker from a height of 1 metre in a 50mm radius of the crown.

#### IMPACT TEST FOR EN397

Helmet is hit once directly onto the crown with a 5kg weight from 1 metre.



Like all JSP safety helmets, the Mk8 EVO™ can be branded with your corporate logo or company details. There is space for branding on the front, sides and back. Printed helmets can be delivered within seven working days from JSP's receipt of approved artwork.

#### IMPACT PROTECTION

Side, front and rear impact protection from the Shock absorbing EPS liner. Vented liner to increase comfort whilst maintaining high protection factor. Liner optimises low angle impact performance.



#### OUTER SHELL

Ultra high strength outer shell. Ribbed upper section dissipate impact energy. All Round Protection, down to 60° from vertical. Large print area on front & sides for logo printing.



#### COMFORT

Extremely comfortable terylene webbing moulds to the individual wearer's head. Lightweight EPS liner reduces weight while still offering maximum protection.



#### ADJUSTMENT

Intuitive thumb and fore finger press points for easy adjustment of the wheel ratchet, offers diverse size ranges for true 'One Size Fits All'

#### EAR DEFENDERS

International slot for firm fitting of ear defenders. Pivotal side arms aid personal fit and comfort with stand off positioning to enable defenders to be removed from ears quickly. High performance Surefit™ ear protection offers an SNR of 28.



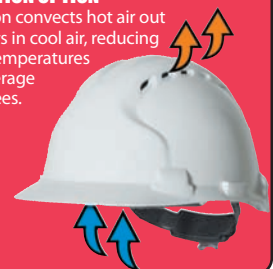
#### SAFETY VISORS

International slot enables firm fitting of a range of Surefit™ safety visors. Wide variety of visors available including, Acetate, Polycarbonate, Wire Gauze and GW5. Incorporates steel springs for easy deployment and retraction.



#### VENTILATION OPTION

Ventilation convects hot air out and draws in cool air, reducing helmet temperatures by an average 2-3 degrees.



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