**H01002 / H01001**

**Optipro Max / Max Plus Helmet**
- Lightweight, stylish head protection.
- High density polyethylene shell.
- Includes foam brow band for comfort.
- 6 point polyethylene harness (Max - H01002)
- 6 point terylene harness (Max Plus - H01001)
- Fully adjustable harness.
- Integral rain channel keeps wearer dry.
- Accepts visor and hearing protection attachments.

**STANDARD:** EN397

**COLOURS:** Yellow, Green, Blue, Red, White

**SIZES:** One Size (530-660cm)

**SHIPS FROM STOCK**

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**H01003**

**Mark III Comfort Plus Safety Helmet**
- Stylish, tough and functional for wearer comfort.
- Light, well balanced design with low dome profile.
- Incorporates rain channel.
- Replaceable foam sweatband, 6-point terylene webbing comfort plus adjustable harness.
- Impact-resistant UV stabilised high density polyethylene shell.
- Offers 440v electrical insulation.

**STANDARD:** EN397

**COLOURS:** Orange, Green, Blue, Red, White, Yellow

**SIZES:** One Size (530-620mm)

**SHIPS FROM STOCK IN WHITE, BLUE & YELLOW**

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**H01004**

**Protector HC300 Helmet**
- Lightweight, stylish, head protection (310g).
- High density polyethylene shell combined with 8 point head harness for a balanced helmet designed for full shift wearing.
- 30mm accessory slot.
- Rain gutter for exposed environments.
- CE certification for electrical insulation to 440 volts AC.
- VDE certification 1000 volts AC.

**STANDARD:** EN397

**COLOURS:** Yellow, Green, Blue, Red, White, Orange, Grey

**SIZES:** Standard (50-66cm), Ratchet (50-64cm).

**SHIPS FROM STOCK IN BLUE, RED, GREEN, YELLOW, ORANGE, WHITE.**
**Protector HC600 Helmet**
- Well balanced, lightweight shell (350g).
- Manufactured from durable ABS plastic.
- 8 point terylene head-harness and deep nape strap designed for comfort and stability.
- Ensures high wearer acceptance through comfort, stability and performance.
- Vented shell option to reduce heat build-up.
- CE certification for electrical insulation to 440 volts AC.
- VDE certification 1000 volts AC.
- 6 different branding positions.
- Compatible with a wide range of PPE.

**STANDARD:** EN397

**COLOURS:** Yellow, Green, Blue, Red, White, Orange, Grey

**SIZES:** Standard (50-66cm), Ratchet (50-64cm).

---

**Bump Cap**
- Lightweight polyethylene bump cap designed as a safeguard against accidental bumping or scraping of the head.
- Not designed to protect against falling mass.
- Hygienic and washable.
- Uni-size shell with fully adjustable harness.

**STANDARD:** EN812

**COLOURS:** Orange, Green, Blue, Red, White, Yellow

**SHIPS FROM STOCK IN WHITE**

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**Top Cap**
- Designed as a safeguard to accidental bumping or scraping of the head.
- Not designed to protect against falling mass.
- 100% cotton outer - suitable for corporate branding.
- Inner HDPE liner with foam cushioning.
- 6 ventilation ports.
- Standard or short peak.
- Wipeable version available for food and drink processing industry.

**STANDARD:** EN812

**COLOURS:** Navy, Black, Royal, Orange, Green, Red, Yellow, White, Camouflage, Black/Grey Peak, Green/Grey Peak

**SHIPS FROM STOCK IN NAVY, STANDARD PEAK**

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**SALES HOTLINE**
**1850 303 304**
H02003

Protector Baseball Cap

- Designed to provide bump protection in a wide range of low risk applications.
- Not designed to protect against falling mass.
- Flexible ABS plastic shell.
- Breathable cap fabric and high levels of ventilation.
- Closed cell soft foam pad, with wide and absorbent terry-towelling sweatband.
- Contamination free cap design - suited to precision engineering and the food industry.
- Fully machine washable with plastic inner peak.
- Suitable for corporate branding.

STANDARD: EN812

COLOURS: Navy, Royal, Black, Red, Grey, Dark Green

H04002

Peltor G22 Forestry Set

- Includes G22C helmet, V1C mesh visor, H31P3D hearing protector, GR1C rain protector, and visor sealing GR2B.
- Effective hearing protection against low frequency chainsaw noise.
- Non-reflective, black steel mesh screen for protection against chips and shavings.
- Visor sealing of pliable, water resistant, polyester fabric.

STANDARD: EN397

COLOURS: Orange, Green, Blue, Red, White, Yellow

UOM: 10 Sets

H04003

Peltor V40 Multisystem (Polycarbonate Visor)

- Specially designed to be combined with hearing protectors or a built-in communications system.
- A practical, convenient solution for face and hearing protection where no helmet is needed.
- The system can be adapted as needed, boosting safety and comfort.
- Can be used as a splash guard during industrial activities such as grinding and cleaning.
- Includes H510A hearing protector, V40F polycarbonate visor.
- Snap-in replacement visor available.
- Slimline and flip-up function.
- Weight 130g.

STANDARD: EN166

SIZE: One Size
H04004

Peltor V40 Multisystem (Mesh Visor)

- Specially designed to be combined with hearing protectors or a built-in communications system.
- A practical, convenient solution for face and hearing protection where no helmet is needed.
- The system can be adapted as needed, boosting safety and comfort.
- Can be used in clearing and edge trimming with power equipment.
- Includes H31A hearing protector, V40C stainless steel mesh visor.
- Snap-in replacement visor available.
- Slimline and flip-up function.
- Weight 115g.

STANDARD: EN166
SIZE: One Size

H04001

Peltor G3000 Helmet

- Developed to meet rigorous protection, field of vision and ventilation requirements.
- Lightweight helmet (310g), produced in high quality, UV-stabilised ABS plastic.
- Numerous ventilation holes distributed over large area for maximum through flow of air without compromising the helmet’s strength.
- Short peak for maximum field of vision.
- Reversible lining can be turned 180° for maximum visibility during climbing and confined space work.

STANDARD: EN397
COLOURS: Orange, Green, Blue, Red, White, Yellow, Grey
SIZES: One Size
UOM: 20 Helmets

H03001

F600 Helmet

- Comfortable firefighters helmet with modular design which adapts easily and quickly to changing operational needs.
- Faceshield provides protection against molten metal and hot solids as well as high speed particles at high impact energy, at extreme temperatures.
- Options available include face shield (with or without cover), neck curtain, alternative chinstrap assembly, various shell badges, head linings and size reduction kit.
- Easily replaced components to extend service life.

STANDARD: EN443 (Helmet); EN166 (Visor)
COLOURS: White, Yellow
SIZES: Standard fit (52-63cm); Extra wide fit (53-63 cm); Extra long fit (53-63cm)
H03002 / H03003

ER1-FR2 Helmet

- Advanced, dual shell, fire and rescue helmet.
- ER1 is suitable for fire service operations which do not require a structural fire fighting helmet.
- ER1 can also be used by paramedic, water rescue and civil defence personnel and can be configured for specialised operations such as heli-deck, coastguard, air sea rescue and public security.
- FR2 consists of the ER1 plus an outer shell with integral full face shield - fitted in seconds via an internal clip arrangement. FR2 provides additional heat, flame and impact protection.
- No connections on outside of helmet that are susceptible to impact damage or heat load.
- Options available include hearing defenders, integral communications, neck cape and SCABA facemask fixing points.

STANDARD: EN443, EN397 (Helmet); EN166 (Visor)

COLOURS: Black, Yellow, Red

SIZES: Universal (ratchet adjustment).

H03004

APH05 Security Helmet

- Thermoplastic shell fitted with energy absorbing EPS liner with replaceable head sizing inner.
- Shell incorporates 4 metal gauze hearing inserts, which prevent ingress of flame and liquid and mounting for optional internal communications system.
- Helmet fitted with fire retardant, detachable, padded cheek pad.
- Fixed neck protector.
- Adjustable chin strap with chin-cup and quick release buckle.
- 3mm visor - high impact polycarbonate moulded design with full metal carrier.
- Provides protection against manual attack weapons, injurious and flammable liquids, fire and other extreme trauma.
- Approved for compatible use with Avon FM12, S10 and Scott N95 respirators.

STANDARD: HOSDB standard

COLOURS: Navy

SIZES: 50 - 63cm

E03004 / E03005

Double Matrix Carrier and Visor

- Durable, lightweight polycarbonate crown, ideal for visor impact protection and rugged use.
- Face surround structure is ideal for demanding environments requiring all round protection.
- Wheel ratchet suspension system provides a comfortable fit for a wide range of head sizes.
- With chin guard and absorbent, leatherette sweatband.
- Polycarbonate visor (165x445x1mm) supplied separately (E03005).

STANDARD: EN166 B 3 9

COLOURS: Grey Carrier / Clear Visor

SHIPS FROM STOCK
E03006 / E03007

**Single Matrix Carrier and Visor**
- Lightweight yet high strength polycarbonate headgear.
- Provides protection against high speed particles.
- The wheel ratchet suspension system provides a comfortable fit for a wide range of head sizes.
- Supplied with an absorbent, leatherette sweatband for enhanced comfort.
- Polycarbonate visor (200x405x1mm) supplied separately (E03007).

**STANDARD:** EN166 B 3 9  
**COLOURS:** Grey Carrier / Clear Visor  
**SHIPS FROM STOCK**

E03001

**Pulsafe Clearways CB14 Browguard**
- Durable browguard with elastic headband (85g).
- Integral visor fitting for protection against chemical seepage.
- Economical replaceable visors available in acetate or polycarbonate.

**STANDARD:** EN166 D 3 B  
**COLOURS:** Clear  
**SHIPS FROM STOCK**

E03002

**Pulsafe CV84A/CG Visor**
- Clear, anti-mist, acetate visor.
- 200mm in length.
- Provides protection against chemical projections.

**STANDARD:** EN166 D 1 F3  
**COLOURS:** Clear  
**SHIPS FROM STOCK**

E03003

**Pulsafe Chinguard**
- CG7 Chinguard for use with CV84A/CG visor.

H08006

**Protector IM917 Metal Visor Carrier**
- Compatible with Protector HC300, HC600, and Optipro safety helmets.
- Compatible with Protector Interchange 900 visors.
- Low profile, flip-up design.
- Dual seal system to prevent dust and liquids from falling onto the inside of the visor.
- Seals against helmet peak via a spring tensioner.
- Compatible with helmet mounted ear defenders.
- Suitable for high heat applications.
- Visor supplied separately.

**STANDARD:** EN166, EN1731  
**SIZES:** One Size  
**SHIPS FROM STOCK**
**Protector FHK67 Electricians Visor Carrier**
- Helmet mounted visor carrier suitable for protection against short circuit electric arc of up to 1000v A.C.
- Non conductive components, VDE approved.
- Rubber tension attachment.
- Supplied with acetate or acetate, anti-fog visor.
- Suitable for use with Protector HC300 and HC600 helmets.

**Standards:** EN166 2-1, 2 2B38, EN170

**Sizes:** One Size

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**Protector IC900 Nylon Visor Carrier**
- Compatible with Protector HC300, HC600 and Optipro safety helmets.
- Light weight design.
- Suitable for all industrial applications.
- Suitable for high heat applications.

**Standards:** EN166, EN1731

**Sizes:** One Size

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**Protector IV900A Acetate Visor**
- Suitable for general use in industry for eye and face protection.
- Provides low impact protection.
- Provides liquid splash protection against organic solvents and other organic compounds.
- UV protection.
- Helmet and carrier sold separately.
- Suitable for use with Protector IM917 Metal Visor Carrier.

**Standards:** EN166 2-1, 2 1F3

**Sizes:** One Size

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**Protector IV902PC Polycarbonate Visor**
- Suitable for general use in industry for eye protection.
- Short, polycarbonate shield provides medium impact protection.
- Suitable for use with Protector HC300 and HC600 helmets.
- Suitable for use with Protector IC900 Visor Carrier.

**Standards:** EN166 1B

**Sizes:** One Size
Protector IV950TC
Thermoguard Visor
- Suitable for general use and for use in industries where there are high levels of heat.
- Provides protection against radiant heat, gives low impact (F) protection and protection against molten metal splash and chemical resistance, organic and other solvents.
- Suitable for use with Protector HC300 and HC600 helmets.

STANDARD: EN166 1F39
SIZES: One size

Protector IV950GC Gold Coated, Polycarbonate Visor
- Suitable for use in industries where there are high levels of heat and glare.
- Provides medium impact protection, and protection against molten metal splash, infra-red and ultra-violet radiation.
- Excellent durability for low through life costs.
- Suitable for use with Protector HC300 and HC600 helmets.

STANDARD: EN166 1B39, EN171 4-4
SIZES: One size

Protector IV950ST Steel Mesh Visor
- 235mm coated, steel mesh face shield for protection against high levels of radiant heat.
- Material is not approved for molten metal splash hazards against which additional eye protection should be worn.
- Suitable for use with Protector HC300 and HC600 helmets.

STANDARD: EN1731 SG
SIZES: One size

Protector IV920NY Nylon Mesh Visor
- Robust, mesh face shield suitable for use in forestry applications.
- Protects against a wide range of particle sizes and abrasion.
- Additional eye protection should be worn.
- Suitable for use with Protector IC900 Visor Carrier.

STANDARD: EN1731 S
SIZES: One size

SALES HOTLINE
1850 303 304
**H08002**

**Protector HXSPEC Eye Shield**
- Easily attached to helmet and retracts into shell when not in use.
- Compatible with Protector HC600 safety helmet.

**STANDARD:** EN166 1B  
**COLOURS:** Clear, Smoke  
**SIZES:** One Size  
**SHIPS FROM STOCK IN CLEAR**

**H08001**

**Retractaspec**
- Retrofit anti-mist eyeshield that fits directly to Mark III helmet.
- Slide fitting.
- Soft, PVC nose bridge.
- No vision impairment when fully retracted.
- Can be provided flat packed or pre-fitted to the Mark III helmet.

**STANDARD:** EN166 1.F  
**SIZES:** One Size

**H08017**

**Peltor V6 Integrated Glasses**
- Integrated glasses, easily attached to the lining of Peltor helmets.
- Earpieces are jointed in several places, for easy adjustment.
- Fit closely to wearers cheeks to provide excellent protection from particles, dust etc.
- Shockproof lenses that resist static and chemical damage.

**STANDARD:** EN166  
**COLOURS:** Clear (V6E), Amber (V6C), Smoke (V6B)  
**SIZES:** One Size

**E07005**

**Sperian Optrel P450 Welding Helmet**
- Recommended for all electric arc welding processes. Not suitable for laser welding or oxy-gas welding.
- Offers DIN 9-13 function via adjustable knob.
- Combines a P400 helmet shell with good quality ADF.
- Reflection free front cover lens and inside cover lens.
- Operating temperature -10ºC to +70ºC.
- Solar cell power supply.
- Two sensors above the eyes.
- Robust and durable.

**STANDARD:** EN175, EN166  
**COLOURS:** Black, Silver  
**SIZES:** One Size
**Sperian Optrel e680 Welding Helmet**

- Designed specially for welders with varying job requirements and a need for an extensive range of individual adjustment options.
- Recommended for all electric arc welding processes and gas welding. Not suitable for laser welding.
- Adjustable sensor slide eliminates the effects of ambient light distractions and configurable detection angles of 60° or 120°.
- Enlarged field of view and true colour filter allows the welder a brilliant, clear, detailed view of the welding application and the ability to read all red LEDs from the welding machine without removing the helmet.
- Button to select shade level ranges: DIN 5-9 and DIN 9-13.
- Variable shade level control between DIN 5-9 or DIN 9-13.
- Grinding mode to prevent automatic darkening when grinding and brazing.
- Sensitivity control to adjust the sensor ability to detect the welding arc.
- Selectable opening delay to provide protection from the afterglow and to adapt to personal needs.

**STANDARD:** EN175, EN166

**COLOURS:** Grey, White, Blue, Copper

**SIZES:** One Size

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**Helmet Chin Strap**

- Standard helmet chin strap.
- Elasticated.
- Snap fastenings.
- Fully adjustable for all size fittings.
- Suitable for use with the Mark III, Optipro, Peltor and Protector range of helmets.

**COLOURS:** Navy

**SIZES:** One Size

**SHIPS FROM STOCK**

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**Deluxe Helmet Chin Strap**

- Helmet chin strap with chin cup.
- Elasticated.
- Snap fastenings.
- Fully adjustable for all size fittings.
- Suitable for use with the Mark III, Optipro, Peltor and Protector range of helmets.

**COLOURS:** Navy/Red/White Stripe

**SIZES:** One Size
**Helmet Accessories**

**H08005**

**Helmet Sweat Band**
- Foam, perspiration absorbing comfort band.
- For Mark III and Optipro helmets.

**Colours:** Black

**Sizes:** One Size

**Ships from stock**

**H08015**

**Protective Aluminised Cape**
- Aluminised cape for wearing with helmet.
- Designed for use in a foundry environment.
- Made to order.

**Colours:** Silver

**H08016**

**Protective Green Cape**
- Made to order, PVC cape designed to protect against liquid splash.
- When combined with visor and boilersuit provides full body protection.
- Simple retrofit to helmet harness.
- Made to order.

**Colours:** Green

**H06001**

**Protector Zero Hood**
- Thinsulate, helmet winter liner for cold protection.
- Comfortable to wear for extended periods.
- Secure velcro attachment to helmet head harness.
- Does not affect the impact performance of safety helmet when worn together.
- Suitable for use with the Mark III, Optipro, Peltor and Protector range of helmets.

**Colours:** Navy

**Sizes:** One Size
**H06002**

**Damascus NH250H FR Hood**
- Heavyweight Nomex hood.
- Flared bib.
- Approximately 45cm.

**STANDARD:** EN531  
**FABRIC:** Nomex.  
**COLOURS:** Grey, Green, Tan  
**SIZES:** One Size

**H06003**

**Damascus NH100H FR Hood**
- Heavyweight Nomex hood.  
- Approximately 37.5cm.

**STANDARD:** EN531  
**FABRIC:** Nomex.  
**COLOURS:** Grey, Green, Tan  
**SIZES:** One Size

**H06004**

**Damascus NH50L FR Hood**
- Lightweight Nomex hood.  
- Flared bib.  
- Approximately 45cm.

**STANDARD:** EN531  
**FABRIC:** Nomex.  
**COLOURS:** Grey, Green, Tan  
**SIZES:** One Size

**SALES HOTLINE**

1850 303 304
HEAD & FACE PROTECTION STANDARDS

Head Protection

EN397 – PROTECTIVE HELMETS FOR INDUSTRY.
The standard specifies the physical performance requirements of industrial safety helmets and certain tests are mandatory if a product is to receive EN397 approval. These cover:
- Shock absorption.
- Resistance to penetration.
- Flame resistance.
- Chinstrap anchorage.

A manufacturer can choose to submit products to a range of optional tests. Such tests should lead to one or more of the following markings appearing on the helmet:

-20°C /+30°C  The helmet will provide some protection when worn in an environment at or above this temperature.

440V a.c.  The helmet will protect against short term, accidental contact with live electrical conductors up to this voltage.

LD  The helmet will provide some protection from lateral compressive loads.

MM  The helmet will provide some protection against molten metal splash.

EN812  SHOCK-PROOF CAPS (ANTI-SCALP).
The standard specifies the physical performance requirements of shock-proof caps used in industry to protect the head when it hits hard objects liable to cause tearing of the scalp or other superficial injuries to the user or knock him out (primarily for indoor use).

Face Protection

EN169  Welding filters, transmittance requirements and recommended use.
EN175  Equipment for eye and face protection during welding and allied processes.
EN1731  Mesh visor specifications.

SELECTING & USING HEAD AND FACE PROTECTION

Head Protection – The Hazards

Prevention of head injuries is an important factor in every safety programme. A single injury can handicap an employee for life, or can be fatal.

There are two main categories of head injury hazards:
- Danger from falling mass.
- Danger of bumping into stationary objects.

Accident surveys show that most workers who have suffered impact injuries to the head were not wearing head protection and in most instances were not required by their employer to do so. It was found that half of those injured were struck on the head while looking down and one third were injured by bumping into stationary objects.

Under current legislation, employers are responsible for ensuring that head protection is worn where:
- There is a possibility that a person may be struck on the head by a falling object.
- A person may strike their head against a fixed or protruding object.
- Accidental head contact may be made with electrical hazards.

Helmets

Helmets offer protection against falling mass as well as accidental bump contact. They are constructed from a hard outer shell and a shock absorbing lining. The lining incorporates a head band and straps that suspend the shell away from the wearer’s head. This design provides shock absorption during impact and ventilation during wear. Helmets are often provided with rain channels and air ventilation. However these features are not always suitable to the environment and should not, for example, be used in a chemical plant.

Helmet shells are primarily manufactured from UV stabilised High Density Polyethylene (HDPE) or Acrylonitrile Butadiene Styrene (ABS). Harnesses are normally manufactured from low density Polyethylene or Terylene webbing.

In general protective helmets should:
- Resist penetration by objects.
- Absorb the shock of a blow.
- Be water resistant and slow burning.
- Come with instructions explaining proper adjustment and replacement of the suspension harness and head band, care, maintenance and storage recommendations.

Helmet accessories include:
- Chinstraps
- Sweatbands.
- Replacement harnesses.
- Helmet mounted lights.
- Wheel ratchet or slip ratchet fastening.
- Eye and face protectors.
- Helmet mounted earmuffs.

Bump Caps / Scalp Protectors

Bump caps (scalp protectors) offer light protection against bumping into stationary objects such as overhead pipes and beams but do not protect against impact or blows to the top or side of the head from falling or thrown objects or against electric shock. A bump cap should never be used where a safety helmet is required.
Face Shields Materials

Face shields are available in either a flat or heat formed shape. Heat formed visors are generally more expensive since they are curved to fit the shape of the mounting bracket. This curvature minimizes stress cracking and improves ease of attachment to the helmet bracket or visor carrier. Popular visor materials include:

- **POLYCARBONATE** – suited to high heat applications where there is little or no exposure to chemicals. This is the best choice for higher energy impact hazards and offers UV absorption characteristics. Polycarbonate has limited scratch resistance.

- **PROPIONATE & ACETATE** – for general, multipurpose use, both are good materials for protection against chemical splash, sprays or light to medium impact. Both are scratch resistant.

- **POLYESTER** – offers light to medium impact protection against sawdust, wood chips, grinding particles or machining debris. Polyester is not appropriate for liquid or chemical exposure.

- **MESH** – suitable for high heat working conditions that require increased ventilation. Before choosing this material, be aware that mesh screens reduce visibility.

- **HARD COATINGS** – are used to provide improved chemical and abrasive resistance. Hard coatings can multiply the life expectancy of a face shield in some environments.

- **TINTED** – Tinted visors reduce light transmission and are an option for use in variable light, sunlight or glare.

Impact Protection – Different face shield materials provide different levels of impact protection, but Polycarbonate currently offers the highest level. It offers an Izod impact value of 18, as proposed to a value of 10 for Propionate and a value of 3.5 for Acetate.

Heat – Polycarbonate also offers the best basic protection against heat. It has a heat distortion value of 360°F, while Propionate has a value of 162°F and Acetate 163°F. However, further heat resistance can be achieved with Silver and Gold coatings on top of the basic shield material. These advanced face shields are used as protection against radiant heat in furnaces and metal and glass melting operations. Silver coated shields can provide protection up to 1,400°F. Gold coated shields can protect against radiant temperatures up to 1,800°F. No absolute heat tolerance can be provided for radiant heat.

Radiation – Radiation can be simply sun glare or bright lighting conditions, or it can be welding, laser light or electric arc exposure. Special absorbers added to face shield material can add protection against most of these dangers. For example, filter lenses with shade numbers provide protection from UV and IR radiation associated with welding. Tinted lenses are typically used for anti-glare.

Chemical Resistance – All plastic face shields have limited resistance to chemicals. Shields may be hard coated for improved chemical resistance, however hard coatings do not hold up against aggressive acids and alkali.

CORPORATE BRANDING SERVICE

ENHANCE YOUR COMPANY IMAGE BY APPLYING YOUR COMPANY LOGO TO YOUR HEAD PROTECTION.

Anderco can take your company logo in printed or file format and create an image suitable to be applied to your safety helmets or bump caps. If you have a simple text logo we can replicate it for you. Anderco operate in-house, state of the art machinery manned by experienced staff to print logos onto our range of helmets and bump caps and print and embroider logos onto top caps and baseball caps.

For full details of Anderco’s head protection corporate branding services, contact your Anderco Safety representative.
General Guidelines for Visor Selection

<table>
<thead>
<tr>
<th>Property</th>
<th>Polycarbonate</th>
<th>Propionate</th>
<th>Acetate</th>
<th>Polyester</th>
<th>Mesh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact (blunt object) Resistance</td>
<td>High</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Penetration (sharp object) Resistance</td>
<td>High</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Cold Temperature Resistance</td>
<td>High</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Low</td>
<td>High</td>
</tr>
<tr>
<td>UV Radiation (Sunlight) Resistance</td>
<td>High</td>
<td>Low</td>
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<td>Low</td>
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<tr>
<td>Chemical Resistance</td>
<td>Low</td>
<td>High</td>
<td>High</td>
<td>Low</td>
<td>None</td>
</tr>
<tr>
<td>Scratch Resistance</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Moderate</td>
<td>High</td>
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<tr>
<td>Heat Resistance</td>
<td>High</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Low</td>
<td>High</td>
</tr>
<tr>
<td>Visual Clarity</td>
<td>High</td>
<td>Moderate</td>
<td>High</td>
<td>Moderate</td>
<td>Low</td>
</tr>
</tbody>
</table>

Visors constructed of polycarbonate, acetate or propionate are available for general purpose applications. General purpose visors should not be used for welding, elevated temperature applications or protection against infrared radiation sources, unless specified for such use.

Care & Maintenance of Face Shields

A pitted or scratched lens reduces eye protection and vision. Inspect face shields routinely and replace worn or damaged parts immediately. Do not alter or modify the product design.

To clean the visor, remove the visor and frame in a reverse procedure of installation. Clean the visor with mild soap and water. Cleaning the visor dry or with a coarse cloth will damage it.