

Centurion Safety Products Ltd

Howlett Way, Thetford, Norfolk,
IP24 1HZ, England.

Telephone: +44 (0) 1842 754266

Facsimile: +44 (0) 1842 765590

www.centurionsafety.co.uk

email: sales@centurionsafety.co.uk



Distributor

CENTURION

SAFETY PRODUCTS

head protection
& accessories

CENTURION



Company Profile

A history of safety development

In 2004, Centurion Safety Products Ltd celebrates 125 years in business. The company's association with safety has been long and varied, going back to the days in the late 19th century when it made pith helmets and water bottles for the army. In subsequent years, hard hats were supplied for use in mines and shipyards and to other industrial users throughout the world. During the second World War, the company supplied specially adapted miners hats for the Royal Tank Regiment.

By the late 20th century, products included a wide range of injection moulded motorcycle helmets, exported throughout the world as well as a range of industrial safety helmets, supplied to major UK companies including mining helmets to the National Coal Board.

21st Century - looking ahead

Centurion Safety Products Ltd has established an unrivalled reputation for the quality of its Centurion industrial safety helmets and Connect accessories providing complete head, face and hearing protection. The company's product offer also includes Martindale branded respiratory protection systems incorporating powered, compressed air and fresh air ranges.

The commitment is to first class product quality with the ability to respond quickly to changes in legislation and market requirements. This, combined with the Centurion policy of innovation and rigorous testing in product development, ensures that now and in the future the company offers products and services which meet customer demands quickly and efficiently.

Manufacturing premises

In 1990, Centurion Safety Products moved to new manufacturing premises to accommodate its growing requirements. Plans allowed further expansion on the site at a later date, this occurred in 1998, with the opening of an extension, which doubled the production capacity, allowing for continuous planned growth during the next few years.

As part of the commitment to product quality and innovation, the premises incorporate a modern and fully equipped laboratory, which is utilised for helmet and respiratory product development as well as routine quality assurance testing.

Product quality

The emphasis on quality and innovation gained formal recognition with the achievement of ISO9002 quality system accreditation through the BSI in 1994 and ISO9001 accreditation in 1996. These accreditation's are and will be maintained and updated as these systems are revised and upgraded.

As detailed below, Centurion also has products accredited with the BSI Kitemark, a further indication of the focus on product quality, which includes random external testing of normal manufactured product.

The Centurion team

A high level of technical expertise and support is offered to PPE users, covering both Centurion head protection and Martindale respiratory protection ranges. Quality assured product performance, subject to continual testing and assessment, is further enhanced by added value service from knowledgeable Health & Safety professionals.

Centurion Safety Products is fortunate in having a strong and committed team working on all aspects of development, manufacture, sales and customer service. Their contributions and individual roles are valued and recognised, so that as a team everyone works towards common quality goals and objectives. A corporate culture is encouraged, to build on staff potential, allowing for growth and development within the organisation.



BSI Kitemark

By purchasing a product accredited with the BSI Kitemark, the user can be confident that the product continually meets the performance characteristics of the initial sample submitted for type approval.

BSI independently, regularly audit test the product and in order for us to retain the Kitemark, we must routinely batch test products in our own laboratory and have process control procedures in place within our production. BSI also regularly audit our quality and management procedures to ensure continual compliance.

Whilst every effort is made to ensure the accuracy of product information, Centurion Safety Products Ltd reserves the right to improve and modify specifications at any time without prior notice.



Head Protection

Page

General Purpose Safety Helmets



1100

4

1125

4

Spartan

4

Specialised Safety Helmets



Linesman

5

Roofer

5



Miner

5

Vision

6



High Temperature Safety Helmet

7

Safety Helmet Headbands

7

Bump Caps



CoolCap Baseball Bump Cap

8

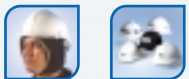
CAP 2000 Baseball Bump Cap

9

Bump Cap

9

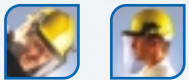
Safety Helmet Accessories



Helmet/Bump Cap Corporate Badging

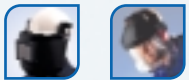
10

Face Protection Range



General Purpose Face Screens and Carrier 

12



Browguard Headband Mounted System 

12

High Temperature Face Screens and Carrier 

13

Specialised Face Protection

13

Hearing Protection Range



Aegean Ear Defender

14

Baltic Ear Defender

14

Helmet/Bump Cap/Face Screens Standards Key

15

Helmet/Bump Cap Colour Key

15





General Purpose Safety Helmets

Centurion's range of general purpose helmets offers an unrivalled level of assured protection. The lightweight precision moulded HDPE shells guard the wearer against impact, are well balanced and extremely comfortable to wear.

1125 and 1100

The 1125 and 1125 reduced peak helmets have a terylene cradle and a comfortable sweatband. The 1100 and 1100 reduced peak helmets come with an economy plastic cradle.

Refer to page 7 for information on safety helmet headbands



Reduced Peak provides enhanced upward visibility with no loss of protection.

Spartan

Excellent value helmet with rain gutter, economy cradle and headband.



	Spartan	1100	1125
Shell Material	HDPE (High density polyethylene)	HDPE (High density polyethylene)	HDPE (High density polyethylene)
Weight	350g	375g	350g (small) 365g (large)
Size	51-63cm	51-63cm	51-58cm (small) 51-63cm (large)
Cradle	LDPE (Low density polyethylene)	LDPE (Low density polyethylene)	Sewn terylene
Peak type	Standard	Standard and Reduced option	Standard and Reduced option
Sweatband	-	-	Brushed Nylon
Standard	EN 397	EN 397	EN 397
Standards options	440V a.c., MM, -10°C	440V a.c., LD, MM, -10°C	440V a.c., LD, MM, -40°C
Accessories	Not compatible with the CONNECT range of accessories	Compatible with the CONNECT range of accessories	Compatible with the CONNECT range of accessories
Options	Corporate Badging and Ventilation holes facility not available, chinstrap	Reduced peak, Corporate Badging and Ventilation Holes, chinstrap	Reduced Peak and small size, Corporate Badging and Ventilation holes, chinstrap
Code	S05	S01, S24 (reduced peak)	S03 (large) S04 (small) S17 (reduced peak large)

For helmet colours refer to page 15

Specialised Safety Helmets

Industry's safety requirements can be as varied and individual as industry itself. Centurion recognises this fact, and therefore has devised a flexible range of specialist safety helmets.

Linesman ▶

The Linesman is a reduced peak helmet offering enhanced all round vision together with a range of features to ensure that it remains firmly in place in adverse weather conditions. It satisfies all the electric insulation requirements of EN 397 and comes complete with a high security head harness, quick release chinstrap, comfortable terylene cradle and sweatband.

Roofer ▼

The Roofer has been designed especially for use in windy, exposed conditions. Its adjustable Ratchet headband ensures a secure fit and the helmet comes complete with a terylene cradle, vabon sweatband, ventilation holes and slides for extra comfort.

For Ratchet specification, refer to page 7



▶ Miner

The Miner is fitted with a PVC sweatband, comfortable terylene cradle, lamp bracket and cable clip.



	Linesman	Roofer	Miner
Shell Material	HDPE (High density polyethylene)	HDPE (High density polyethylene)	HDPE (High density polyethylene)
Weight	390g	390g	380g
Size	51-63cm	52-63cm	51-63cm
Cradle	Sewn terylene	Sewn terylene	Sewn terylene
Peak type	Reduced	Reduced	Standard
Sweatband	Brushed Nylon	Vabon (soft simulated leather)	PVC
Standard	EN 397	EN 397	EN 397
Standards options	440V a.c., LD, MM, -40°C	LD, -40°C	LD, MM, -40°C
Accessories	Compatible with the CONNECT range of accessories	Compatible with the CONNECT range of accessories	Compatible with the CONNECT range of accessories
Other	Quick-release chinstrap with a high security head harness	Ratchet adjusting headband and ventilation holes with slides	Lamp bracket and cable clip holder at rear
Options	Chinstrap, Corporate Badging and Ventilation Holes	Chinstrap, Corporate Badging	Chinstrap, Corporate Badging and Ventilation Holes
Code	S17L	S17RWJ	S13

For helmet colours refer to page 15

VISION

Anyone can see why workers want the Vision safety helmet. Striking, modern design, extended nape, reduced peak, and a fully retractable visor – Vision has it all.

Better still, anyone can wear it, because the retractable visor not only protects your eyes, it has also been designed for use with spectacles.

Fully compatible with Centurion Connect accessories, the Vision can provide total head, face and hearing protection for the majority of industrial applications.



Vision	
Shell Material	ABS (Acrylonitrile-Butadiene-Styrene)
Weight	495g - 450g without visor
Size	51-63cm, 52-63cm with Ratchet
Cradle	Sewn Terylene
Peak type	Reduced
Sweatband	Brushed Nylon
Standard	EN 397, EN 166
Standards options	Helmet to: -40°C, 1000V a.c., LD, MM Visor to: grade B (Medium Energy)
Accessories	Compatible with the CONNECT range of accessories
Options	Chinstrap, Ratchet headband, Corporate Branding
Codes	S10, S10R (with Ratchet), S578 spare visors

For helmet colours refer to page 15

Specialised Safety Helmet with integrated eye protection

- Fully retractable visor
- Standard prescription spectacles can be worn comfortably underneath visor
- No nose moulding therefore increasing safety and visibility
- Corporate branding on front, rear and sides
- Extended nape area providing extra neck protection
- Ratchet headband option for simpler size adjustment



High Temperature Safety Helmet

The Vulcan helmet is designed for use in industries where there is a risk from high levels of radiant heat. The shell is resistant to radiant temperatures of up to 500°C, and through the Connect system is compatible with a range of heat resistant face and hearing accessories.

Vulcan	
Shell material	GRP (Glass Reinforced Plastic)
Weight	375g
Size	51-63cm
Cradle	Sewn terylene
Peak type	Standard
Sweatband	Brushed nylon
Standard	EN 397
Standards options	440V a.c, -30°C, LD, MM
Accessories	Compatible with the CONNECT range of accessories
Options	Corporate Badging, chinstrap
Code	S22

*For helmet colours refer to page 15

Safety Helmet Headbands

Centurion safety helmets are available in either an economical lightweight plastic cradle (fitted in the Spartan or 1100 helmets) or in the well-renowned, comfortable 6 point terylene cradle with brushed nylon sweatband (fitted in the 1125 and specialised helmets).

The Centurion headband provides a high level of comfort and easy adjustment via the slip ratchet strap, which has small adjustment increments of 2mm, ensuring that the user can obtain an exact fit for their head size. Both the flexible material and the design of the headband provide the user with optimum comfort and stability during prolonged use. The headband moulds itself to the users head shape and the deep nape strap design gives good retention on the head.



Wheel Ratchet Specification

Ratchet Features and Benefits

- Wide size range, especially for the smaller head sizes. 52- 63cm - 2mm size increments enables the wearer to achieve an exact fit
- Easy to adjust, push-in, sprung locking mechanism to ensure secure hold when adjusted
- Raised features on turning wheel allow for easy gripping and adjustment, even with gloved hands
- Shaped nape strap positions the Ratchet lower down the nape to provide the user with better retention and comfort
- Comfortable foam on inside of Ratchet easily moulds to the users head shape, while at the same time giving support and stability during prolonged use
- Wheel Ratchet headbands are ideal for multiple and quick size adjustments
- Available within Vision Ratchet or Roofer helmets

Centurion Safety Products Ltd
Introduces
a **NEW** Baseball Bump Cap

CoolCap



CoolCap Baseball Bump Cap

The **New CoolCap Baseball Bump Cap** is both a fashionable workwear item as well as giving maximum comfort during prolonged use. The new design Baseball Cap is fitted over an ABS liner to provide lightweight head protection where high impact resistance is not essential, but where there is a risk of minor bumps or scrapes to the head.

The **CoolCap** incorporates many new features and benefits, in particular large ventilation mesh panels, providing the maximum ventilation allowed within EN 812. The ventilation panels are on each side of the cap, thereby providing an improved flow of air, both reducing heat build up and increasing user comfort.

The **CoolCap** comes fitted with a foam insert either side of the cap for additional comfort and side impact protection - making the sides of the **CoolCap** 45% more shock absorbent compared to a standard ABS liner. These side foam inserts are optional and are not necessary for the EN 812 test performance - so can be removed if preferred.

Other features include:

- Sleek 3 panel design with large front panel, ideal for large corporate logos, either with high quality embroidery or printing methods.
- The high level of comfort is provided by the liner and cap design, the method of ventilation and the closed cell central pad. Improved head retention by increased strap/cap depth at the rear also provides maximum comfort as well as security of the cap on the head.
- The peak is reduced for improved upward visibility.
- Easy size adjustment is provided via the metal buckle clasp - the excess strap can be threaded into the metal eyelet to ensure neatness, whilst also being a safety feature by preventing the excess strap from snagging on machinery, etc.
- Wide choice of colours including High Visibility Orange in Polyester material with reflective strips around peak, sides and rear. Other colours include Navy Blue, Royal Blue, Red, Black and Green, all in Brushed Cotton material.



Bump Caps

The Centurion Bump Cap and CAP 2000 Baseball Bump Cap provide lightweight head protection where high-impact resistance is not essential but where there is a risk of minor bumps or scrapes to the head. They are not to be used as an industrial safety helmet.

Bump Cap

The polyethylene Bump Cap is available in five colours and features a comfortable PVC sweatband, as well as a replaceable, adjustable plastic cradle. The Bump Cap is ideal for use in the food processing/manufacturing industry.

CAP 2000 Baseball Bump Cap

The CAP 2000 boasts all the safety features of the Bump Cap, whilst also doubling as a fashionable, comfortable piece of workwear. Headband-mounted ear defenders and goggles or spectacles can be worn to provide combined head, eye and hearing protection. The additional features of this model are many – in particular, to supply increased airflow the CAP 2000 includes a high level of ventilation via large ventilation holes.

	CoolCap	CAP 2000	Std Bump Cap
Shell Material	ABS (Acrylonitrile-Butadiene-Styrene)	ABS (Acrylonitrile-Butadiene-Styrene)	HDPE (High density polyethylene)
Cap Material	Brushed cotton (except high visibility orange = polyester)	Cotton with Lycra content	-
Weight	155g	165g	195g
Size	54-60cm	54-59cm	54-59cm
Adjustment Method	Via easy-to-adjust metal buckle clasp with tuck-in strap eyelet	Via Velcro strap with tuck-in strap eyelet	Via standard LDPE headband strap
Cradle/Pad	Closed cell foam shock absorbing central pad	Closed cell foam shock absorbing central pad	LDPE (Low density polyethylene)
Peak type	Reduced	Standard	Standard
Sweatband	Interlining/Foam incorporated in headband	Interlining/Foam incorporated in headband	PVC
Standard	EN 812	EN 812	EN 812
Standards options	-30°C	-30°C	-30°C, 440V a.c., F
Ventilation	Large ventilation mesh side panels	Large ventilation holes with mesh grilles	-
Options	Corporate Badging via embroidery or printing	Corporate Badging via embroidery or printing	Corporate Badging via Pad Printing
Code	S28	S18	S19

For cap colours refer to page 15

Safety Helmet Accessories

Aluminised Neck Cape: Can be fitted to safety helmets to provide additional neck protection, especially in high temperature environments.

Frost Hood: Can be worn underneath the safety helmet to provide extra protection during cold or adverse environments.

Balaclava: Provides warmth and coverage to the face in cold and adverse environments.

Helmet Accessories also include 2-point **Chinstrap** providing secure fit and different types of **Sweatbands** for extra comfort.

Retractable Eye Shield: Polycarbonate eye-shield designed for use with the Centurion 1100/1125 range of helmets.



Helmet/Bump Cap Corporate Badging

Centurion Safety Products range of badging methods on helmets and bump caps is specifically designed to enhance and publicise a company's logo and image.

For Centurion helmets and the standard bump cap, the Pad Printing facility is hard wearing and durable. The unlimited range of colours can be produced to a specific pantone reference to exactly match a company logo. Alternatively a helmet sticker service, with adhesive that has been tested and approved for use on safety helmets, is available if preferred.

For the CoolCap and CAP 2000 bump caps, an embroidery or transfer printing service provides a high quality finish for on baseball caps.

Helmet and Bump Cap Badging

	Product	Print Area on Helmet	Max. Print Size	Max. Colour
Pad Printing	All helmets except Spartan. Bump caps, not Baseball Bump Caps	All products except Vision: Front	53mm x 65mm or 40mm x 40mm 100mm x 30mm	5
		Back or Sides Vision helmet: Front	70mm x 25mm or 63mm x 35mm 100mm x 30mm 80mm x 20mm	
Labels	All helmets except Spartan. Bump caps, not Baseball Bump Caps	Front, Back or Sides	Depending on shape & size	4
Embroidery	Baseball Bump Caps only	Front, other areas on request	100mm x 65mm	5
Transfer Printing	Baseball Bump Caps only	Front, other areas on request	100mm x 65mm	3

CONNECT[®]**Face & Hearing Protection**

It's vital, in this multi-skilled era, that your equipment is as versatile as your workforce. You need to choose a safety system that can be modified to your needs quickly and simply. Adding elements as and when you require them is a must.

That's where Centurion's Connect System is a real advantage. Separate units combine and interchange, ensuring that you get the right protection necessary for each and every project.

This comprehensive system adds first-class hearing, sight, face and heat protection to our range of safety helmets. The components are hard-wearing, easy to use and the best in the market. With the innovative headband mounted Browguard, you don't even need a helmet to enjoy the safety Centurion provides!



Face Protection

Centurion's Face Protection range provides effective protection against a wide range of general workplace hazards. The user can choose between mounting a face screen either onto a facescreen carrier, if Centurion head protection is required, or onto a headband mounted browguard.

The Centurion carrier and browguard can both be used with all Centurion face screens, which are available in a range of materials, whilst a chin guard is also available for use with chinguard screens if protection for the chin and frontal neck area is required.



Browguard Headband Mounted System					
	Browguard	Chin Guard	Chinguard Face Screens		
Material	Nylon	Polycarbonate	Polycarbonate Clear	Acetate Clear	Acetate Antifog
Visible length	-	-	150mm	150mm	150mm
Standard	EN 166	EN 166	EN 166	EN 166	EN 166
Standards options	-	-	1 B 9 3	1 F 3	1 F 9 3 (EN 170 3-1,2)
Code	S89	S91C	S910	S911	S912

General Purpose Face Protection							
	Face Screen Carrier	Face Screens					
Material	Nylon	Polycarbonate Clear	Polycarbonate Clear	Acetate Clear	Acetate Antifog	Acetate Green	Acetate Green
Visible length	-	150mm	210mm	210mm	210mm	210mm	210mm
Standard	EN 166	EN 166	EN 166	EN 166	EN 166	EN 166	EN 166
Standards options	-	1 B 9 3	1 B 9 3	1 F 3	1 F 9 3 (EN 170 3-1,2)	1 F 3 (EN 169 3)	1 F 3 (EN 169 5)
Code	S54 For General Purpose/Specialised Helmets S54V for Vision Helmet	S580	S590	S591	S592	S593	S595

High Temperature Face Protection

The Connect high temperature face protection range is specifically designed for use with the Centurion Vulcan high temperature helmet. When used in conjunction with the Connect range of helmet mounted ear defenders, the system provides head, face and hearing protection in high radiant heat environments.

The high temperature system is ideal for use in areas such as Glass Manufacturing, Iron and Steel Foundries, Aluminum Smelting and High Temperature Chemical Manufacturing.



Specialised Face Protection

In addition to general purpose and high temperature face protection, the Connect range offers face protection for specialist applications, such as for use in forestry and welding environments.

The strong forestry visor is mounted onto the Connect general purpose face screen carrier for added strength and stability.

The helmet mounted welding shield has a large window that can be flipped up when not required.

Specialised Face Protection		
	Welding Shield	Forestry Visor
Material	Polyamide PA6 (Nylon)	Nylon-coated metal mesh
Length	225mm. Window - 110 x 90mm flip front	170mm (visible = 150mm)
Standard	EN 175	EN 1731
Code	S903N	S59, S25 (Forestry pack - S41C ear defender, S59 and 1125 orange helmet)



High Temperature Face Protection							
Material	Face Screen Carrier	Face Screens					
	Polyetherimide	Triacetate Clear	Triacetate Green/ Clear Shade 3	Triacetate Green/ Clear Shade 5	Triacetate Green Shade 3	Triacetate Green Shade 5	Polycarbonate Gold
Visible length	-	210mm	210mm	210mm	210mm	210mm	210mm
Standard	EN 166	EN 166	EN 166	EN 166	EN 166	EN 166	EN 166
Standards options	-	1 F 9 3	1 F 9 3 (EN 169 3)	1 F 9 3 (EN 169 5)	1 F 9 3 (EN 169 3)	1 F 9 3 (EN 169 5)	1 F 9 3 (EN 169 8, EN 171 4-8)
Temperature resistance - no softening before:	300°C	93°C	93°C	93°C	93°C	93°C	140°C*
no melting before:	380°C	250°C	250°C	250°C	250°C	250°C	150°C
Code	S57	S598	S603	S605	S613	S615	S760

* Gold tint deflects radiant heat and therefore withstands higher temperatures



Hearing Protection

Hearing is at risk from many sources of noise in the workplace, therefore the availability of suitable hearing protection is of vital importance. Centurion offers a comprehensive range of top quality hearing protection for use in all working environments.

Our helmet mounted ear defenders are part of the fully integrated Centurion Connect range of accessories and are compatible with the 1100, 1125, Miner, Roofer, Linesman, Vulcan and Vision helmets.

Whichever Centurion hearing protection you choose, the modern, stylish designs are especially comfortable during prolonged wear and give effective protection against most noise hazards experienced in industry. Made from the highest quality materials, they conform to the requirements of the European EN 352 standard.



Aegean Ear Defender
Excellent protection, especially for higher frequencies



Baltic Ear Defender
General purpose economy product, suitable for most requirements



	Aegean			Baltic		
Standard	EN 352-3			EN 352-3		
Code	S42C for General Purpose/Specialised Helmets			S41C for General Purpose/Specialised Helmets		
	S42V for Vision Helmet			S41V for Vision Helmet		
	Aegean			Baltic		
Attenuation Data: Frequency Hz	Mean Attenuation	Standard Deviation (db)	Assumed Protection (db)	Mean Attenuation	Standard Deviation (db)	Assumed Protection (db)
63	18.1	3.3	14.8	14.7	3.0	11.7
125	16.6	3.5	13.0	11.9	2.9	9.1
250	21.8	2.9	18.9	16.4	2.8	13.6
500	25.6	3.8	21.8	22.3	3.6	18.7
1000	37.5	2.6	34.9	32.3	3.6	28.7
2000	35.6	2.9	32.7	30.8	3.4	27.4
4000	44.0	6.6	37.4	34.5	2.8	31.7
8000	41.6	7.2	34.4	34.6	6.9	27.7
	H = 34dB, M = 27dB, L = 20dB, SNR = 30dB			H = 29dB, M = 22dB, L = 15dB, SNR = 25dB		

EN 397/EN 812 Head Protection Options

Symbol
MM
 -20°C/-30°C
 -40°C
LD
 440V a.c./1000V a.c.
F
 All helmets perform to +50°C and -10°C

Explanation
 Molten Metal
 Low Temperature Performance
 Low Temperature Performance (currently outside the scope of EN 397:1995)
 Lateral Deformation
 Electrical Insulation - unvented shell only (1000V a.c. currently outside the scope of EN 397:1995)
 Flame Resistant

EN 166 Personal Eye Protection Options

Standard	Symbol	Explanation
EN166	1	Optical Class
EN166	F	Low Energy Impact
EN166	B	Medium Energy Impact
EN166	9	Non adherence of molten metal and resistance to penetration of hot solids
EN166	3	Protection against liquid droplets/splashes
EN166	8	Protection against Short Circuit Electric Arc
EN169	3	Filters for personal eye-protection equipment used in welding and similar operations. Scale number 3
EN169	5	Welding and braze welding of heavy metals. Welding with emissive fluxes (notably light alloys) Oxygen Cutting.
EN169	8	Filters for personal eye-protection equipment used in welding and similar operations. Scale number 8
EN170	3-1, 2	For use with sources which emit predominantly Ultra Violet Radiation at wave lengths shorter than 313nm and when glare is not an important factor. This covers the UVC and most of the UVB bands. Low pressure mercury lamps such as germicidal lamps
EN171	4-8	Protection against infra red radiation filters. Typical application in terms of mean temperature sources up to 1800°C.

Helmet/Bump Cap Colour Key

The colour swatches below are for illustrative purposes only - colours will also vary between shell/cap materials



White (W)

Spartan Helmet
 1100/1125 Helmet (including Reduced Peak)
 1125 Small Size Helmet
 Linesman Helmet
 Roofer Helmet
 Miner Helmet
 Vision Helmet
 Vulcan Helmet
 Bump Cap



Yellow (Y)

Spartan Helmet
 1100/1125 Helmet (including Reduced Peak)
 Linesman Helmet
 Roofer Helmet
 Vision Helmet
 Vulcan Helmet
 Bump Cap



Blue (B)

Spartan Helmet
 1100/1125 Helmets (including Reduced Peak)
 Linesman Helmet
 Roofer Helmet
 Vision Helmet
 Bump Cap



Grey (E)

1125 Helmet



Red (R)

Spartan Helmet
 1100/1125 Helmets (including Reduced Peak)
 Linesman Helmet
 Roofer Helmet
 Vision Helmet
 CoolCap Baseball Bump Cap
 CAP 2000 Baseball Bump Cap



High Visibility Yellow (HVV)

1125 Helmet



Green (G)

Spartan Helmet
 1100/1125 Helmets (including 1125 Reduced Peak)
 Linesman Helmet
 Vision Helmet
 CoolCap Baseball Bump Cap
 CAP 2000 Baseball Bump Cap
 Bump Cap



Navy Blue (NB)

CoolCap Baseball Bump Cap
 CAP 2000 Baseball Bump Cap



Orange (O)

Spartan Helmet
 1100/1125 Helmets (including Reduced Peak)
 Linesman Helmet
 Roofer Helmet
 Vision Helmet
 Bump Cap



Royal Blue (RB)

CoolCap Baseball Bump Cap
 CAP 2000 Baseball Bump Cap



Black (K)

1125 Helmet
 1100 Reduced Peak Helmet
 CoolCap Baseball Bump Cap
 CAP 2000 Baseball Bump Cap



High Visibility Orange (HVO)

CoolCap Baseball Bump Cap

ESSENTIAL READING !

LIFETIME OF PRODUCTS

These products have been designed to have an in-use life of up to 5 years. It is recommended that after 5 years the products are destroyed. Excessive wear and tear can considerably reduce the lifespan of the product.



STORAGE – These products should only be transported in their original cartons at ambient temperature (0°C to +30°C). They may be stored in the dark for up to 5 years. Storage in direct sunlight, extremes of temperature and in a fashion that is liable to distort is not recommended.

SAFETY HELMETS ADVICE TO USERS

For adequate protection this helmet must fit or be adjusted to the size of the user's head. Adjust the helmet by means of the headband found at the rear of the helmet for a secure and comfortable fit. This helmet is made to absorb the energy of a blow by partial destruction or damage to the shell and the harness or protective padding and even though such damage may not be readily apparent **any helmet subjected to severe impact should be replaced**. Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals.

Do not modify or remove any of the original component parts of the helmet, other than those recommended by the manufacturer. Helmets should not be adapted for the purpose of fitting attachments in any way not recommended by the manufacturer. Do not apply paint or solvents or adhesives, or self-adhesive labels except in accordance with instructions from the manufacturer.

CLEANING INSTRUCTIONS

Protective products are best cleaned and dried with warm tap water and a soft cloth. Care must be taken to avoid scratching. Cleaning with commercial solvents or organic compounds is not recommended as they cause surface softening and stress relieving with a loss of physical properties. Check before use that all parts are operational and undamaged. If in any doubt, contact the manufacturer.

STANDARDS:

Your helmet has been manufactured to the requirements of BS EN397:1995 with the exception of the S19 and S18 Bump Caps which meet the requirements of EN812.

Refer to the table shown below for the type designation of your helmet. In the table below you will find details of the optional test requirements of the European Standard with which this helmet complies.

Model Reference	BS EN397:1995 Options Covered						
	Harness Type	-20°C	-30°C	-40°C	440V	LD	MM
Spartan/800 Standard	2				●		●
Spartan/800 with Vent Holes	2						
825 Standard	1			●	●		●
825 with Vent Holes	1			●			
1100 & 1100RP Standard	2				●	●	●
1100 with Vent Holes	2					●	
1125 & 1125RP Standard	1			●	●	●	●
1125 with Vent Holes	1			●		●	
1128 Mining Helmet	1			●		●	●
Vulcan Standard	1	●			●	●	●
Vulcan with Vent Holes	1	●				●	
Rigger Helmet	1	●			●	●	
Rigger with Vent Holes	1	●				●	

The options available are as follows:

Harness Type: Type 1 = Textile Type 2 = Thermoplastic
 -20°C Low Temperature Performance
 LD Lateral Deformation
 -30°C Low Temperature Performance
 -40°C Low Temperature Performance
 (currently outside the scope of EN397:1995)
 MM Molten Metal
 440V a.c. Electrical Insulation
 F Flame resistant
 All helmets perform to +50°C



Date of manufacture: Located on the product is a circle split into quarters. Each dot in a quarter denotes the quarter of the year that the product was manufactured. Two dots means helmet was produced in the second quarter of the year shown in the circle.

BUMP CAP - S19

A low impact resistant, lightweight helmet with replaceable, adjustable headband and PVC sweatband.

CAP 2000 BASEBALL BUMP CAP - S18

Utilising a baseball cap, protection is provided by a moulded liner. Internal foam pads, rear adjustment strap and air vents ensure optimum comfort. S19 and S18 Bump Caps are to be used when high impact resistance is not essential. Industrial bump caps are intended to provide protection to the wearer against the effects of striking his head against hard, stationary objects with sufficient severity to cause laceration or other superficial injuries. They are not intended to provide protection against the effects of falling or thrown objects, or moving or suspended loads.

NOTE: An industrial bump cap should not be confused with an industrial safety helmet as specified in EN397.

Model Reference	EN812			
	Harness Type	-30°C	440V	F
Bump Cap	2	●	●	●
Bump Cap with Vent Holes	2	●		
Cap 2000 Baseball Bump Cap	N/A	●		

CONNECT RANGE OF HELMET ACCESSORIES

The Connect range is designed to complement the Centurion range of safety helmets to provide a fully integrated head, face and ear protection system. All Centurion helmets except the Spartan and Bump Cap will accept the Connect range of accessories.

Spare parts for the Centurion products are also available as follows:–

S30C Cotton Chinstrap	S33/1 Plastic Cradle Large	S36 Aluminised Neck Cape
S30E Elasticated Chinstrap	S33/2 Plastic Cradle Small	S47 Frost Hood
S31L Leather Sweatband	S33/3 Terylene Cradle Large	S56 Ear Defender Cover Muffs
S31N Brushed Nylon Sweatband	S33/4 Terylene Cradle Small	
S31P PVC Sweatband	S33/25 Bump Cap Cradle	

All Centurion products are CE approved

CE 0086. Pt. No. 017-004-087

EC type examination by: British Standards Institution, 389 Chiswick High Road, London W4 4AL. (Notified body No. 0086)

CENTURION

CENTURION SAFETY PRODUCTS LTD
 Howlett Way, Fison Way Ind. Estate, Thetford, Norfolk IP24 1HZ
 Telephone +44 (0)1842 754266 Fax +44 (0)1842 765590

ESSENTIAL READING !

LIFETIME OF PRODUCTS

These products have been designed to have an in-use life of up to 5 years. It is recommended that after 5 years the products are destroyed. Excessive wear and tear can considerably reduce the lifespan of the product.



STORAGE – These products should only be transported in their original cartons at ambient temperature (0°C to +30°C). They may be stored in the dark for up to 5 years. Storage in direct sunlight, extremes of temperature and in a fashion that is liable to distort is not recommended.

FACE PROTECTION

ADVICE TO USERS

Any protective product should be replaced after a severe impact. Scratched or damaged oculars must be replaced. Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals. Any product may be adversely affected by certain chemicals. For further information contact the manufacturer.

CLEANING INSTRUCTIONS

Protective products are best cleaned and dried with warm tap water and a soft cloth. Care must be taken to avoid scratching. Cleaning with commercial solvents or organic compounds is not recommended as they cause surface softening and stress relieving with a loss of optical and physical properties. Check before use that all parts are operational and undamaged. If in any doubt, contact the manufacturer. For disinfection of this product follow the above cleaning instructions.

Centurion CONNECT Welding Shields (S903N / S904N)

Versatile short shell weldshield fitted with a flip-front large window lens holder. Centurion weldshields are moulded from a high heat and impact resistant reinforced nylon material to the requirements of EN175. It is flame retardant and has extraordinary electrical insulation. Its heat resistance is +205°C (continuously) and will withstand +450°C, at which deformation will not occur for up to 90 seconds. No poisonous halogen gases will emit during heating. This weldshield offers the face and eyes perfect protection against harmful ultra-violet and infra-red radiation that occurs during welding processes.

Lens replacement – Unclip the hinged spring, replace lenses—ensuring protective lens is on the outside, re-clip the hinged spring. **IMPORTANT** – Check the weldshield is fitted with the correct shade of lenses. For recommended shades of welding lenses, see DIN 4647/1 – BS 679. Use only **CE** approved lenses. S903N - helmet mounted, S904N - headband mounted. 'S' marking on visor indicates increased robustness and mechanical strength.

WARNING: Toughened mineral filter oculars shall only be used in conjunction with a suitable backing ocular.

Centurion CONNECT Forestry Visor (S59)

Impact resistant, epoxy coated steel mesh screen supplied with clips ready to fit directly to helmet. Designed to protect the wearer's eyes and face for industrial and non-industrial use against mechanical hazards. Does not protect against molten metal splash, hot solids or electrical hazards. 'S' marking on visor indicates increased robustness and mechanical strength. Approved to EN1731:1997.

FITTING INSTRUCTIONS

CENTURION CONNECT HELMET MOUNTED FACESHIELDS

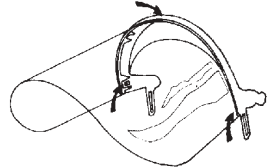
Centurion Connect Facescreens are designed and approved for fitment to Centurion S54, S54V, S54E Connect Carriers. S54 carriers fit onto Centurion 1100/1125 type helmets, the S54V carriers fit onto the Centurion Vision helmets and the S54E carriers fit onto the Centurion Rigger helmets. S57 carriers should be used in high temperature environments. The resultant Faceshield should only be used in conjunction with the Centurion Connect safety helmets. Centurion Connect faceshields give protection against the hazards set out below, in combinations as indicated on both the brow guard, carrier and screen. Only similarly-marked parts should be fitted together to form the approved faceshield.

S580/S590/S910/S760 Polycarbonate screens and S591/S592/S593/S595/S605/S613/S615/S911/S912/S592AEA/S912AEA Triacetate/Acetate screens are approved to EN166:1995 and are designed to protect the face against various hazards encountered in Industry.

Explanation of marking:

Standard Symbol	Explanation
EN166 1	Optical Class.
EN166 F	Low Energy impact.
EN166 B	Medium Energy impact.
EN166 9	Non-adherence of Molten metal and resistance to penetration of Hot solids.
EN166 3	Liquid droplets/splashes.
EN166 8	Short Circuit Electric Arc.
EN169 3	Filters for personal eye-protection equipment used in welding and similar operations.
EN169 5	Welding and braze welding of heavy metals. Welding with emissive fluxes (notably light alloys). Oxygen cutting.
EN169 8	Filters for personal eye-protection equipment used in welding and similar operations.
EN170 3-1, 2	For use with sources which emit predominantly Ultra violet radiation at wavelengths shorter than 313nm and when glare is not an important factor. This covers the UVC and most of the UVD bands. Low pressure mercury lamps such as germicidal lamps.
EN171 4-8	Protection against infra red radiation filters. Typical application in terms of mean temperature sources up to 1800°C.

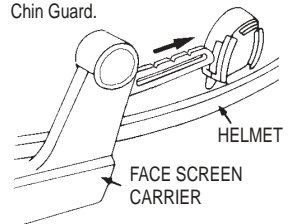
All Centurion products are **CE** approved
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(Notified body No. 0086)



TO FIT NEW SCREEN TO CARRIER (S54/S54V/S54E/S57)/BROW GUARD (S89)/ CHIN GUARD (S91C)

Locate the holes at both ends of screen onto pegs in screen carrier. Feed screen into the slot in the carrier. Apply gentle pressure at the front of the screen to deflect it over the central carrier peg until it is located in the central screen hole. Ensure that all carrier pegs are fully located into the visor holes.

To remove the screen press to deflect middle of screen for carrier or side of screen for Brow Guard pulling screen away from the Carrier/Brow Guard/ Chin Guard.



CE Pt. No. 017-004-161

CENTURION

CENTURION SAFETY PRODUCTS LTD

Howlett Way, Fison Way Ind. Estate, Thetford, Norfolk IP24 1HZ, UK
Telephone +44 (0)1842 754266 Fax +44 (0)1842 765590

ESSENTIAL READING !

LIFETIME OF PRODUCTS

These products have been designed to have an in-use life of up to 5 years. It is recommended that after 5 years the products are destroyed. Excessive wear and tear can considerably reduce the lifespan of the product.

STORAGE – These products should only be transported in their original cartons at ambient temperature (0°C to +30°C). They may be stored in the dark for up to 5 years. Storage in direct sunlight, extremes of temperature and in a fashion that is liable to distort is not recommended.

EAR DEFENDERS

ADVICE TO USERS

Any protective product should be replaced after a severe impact. Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals. Ear defender/safety helmet combination complying with EN 352-3 are of 'Medium size range' or 'Small size range' or 'Large size range'. 'Medium size range' combinations will fit the majority of wearers. 'Small size range' or 'Large size range' combinations are designed to fit wearers for whom 'Medium size range' ear defender/safety helmet combinations are not suitable. For specific size range, refer to product packaging.

CLEANING INSTRUCTIONS

Protective products are best cleaned and dried with warm tap water and a soft cloth. Care must be taken to avoid scratching. Cleaning with commercial solvents or organic compounds is not recommended as they can cause a loss of physical properties. Check before use that all parts are operational and undamaged. If in any doubt, contact the manufacturer. For disinfection of this product follow the above cleaning instructions. This product can be adversely affected by certain chemical substances. Further information should be sought from the manufacturer.

CENTURION CONNECT EAR DEFENDERS

The helmet mounted ear defenders comply to EN352-3 when fitted to CENTURION 1100/1125/1225 helmets and are also compatible with the Rigger helmet (using S412 clips) and with the Vision (using S575 clips). These ear defenders should be fitted to and used only with Centurion Connect range of products.

The ear defender/safety helmet combination should be fitted, adjusted and maintained in accordance with the manufacturers instructions, be worn at all times in noisy surroundings and be regularly inspected for serviceability. If the recommendations given above are not adhered to, the protection afforded by the ear defender/safety helmet combination will be severely impaired.

1. For maximum effect, the helmet should first be adjusted for the best fit with the ear defenders in the parked position against the sides of the helmet. The ear defenders should then be lowered so that the whole ear is inside the ear defender cup with the seal area contacting against the head and not the helmet harness.
2. Centurion ear defenders are constructed from tough thermo plastic materials for long life. Cushions are made of expanded PVC, ear seal filled with Polyurethane foam.
3. Ear defenders and in particular cushions may deteriorate with use and should be examined at frequent intervals for signs of, for example, cracking or leaking. A hygiene kit is available for use with Centurion ear defenders: S44 for S40, S41C/V/E, S69 for S66, S72 for S65 and S73 for the S42C/V/E ear defenders. See below for fitting instructions for cushions and foam pads.

FITTING INSTRUCTIONS

S40, HEADBAND MOUNTED EN352-1 (For attenuation data refer to reverse of this leaflet).

Ensure the headband mounted ear defender fits securely and comfortably over the head and on the ears.

S42C/V/E, S41C/V/E, S65, S66 HELMET MOUNTED EN352-3 (For attenuation data refer to packaging).

S42C/V/E IMPORTANT – It should be noted that the more rounded end of the cup with logo insert must be orientated at the bottom when worn. "TOP" is marked in ring corner to show position. S41C/E ear defenders are symmetrical and can be worn either way up on either ear.

EAR DEFENDER CUSHIONS – S42C/V/E: When the cushions need replacing, peel away the adhesive backed cushion from the black ring of the ear defender. Attach new cushion by peeling away from backing sheet and placing on ear defender ring in identical position as old cushion. Apply firm pressure with hand to ensure cushion is well adhered.

S40, S41C/V/E: Insert rim of cup into cushion pad recess and stretch to fit evenly.

S65, S66: Remove backing off self-adhesive cushion and press firmly to rim of cup.

FOAM PADS – S42C/V/E: For replacement of foam pads ensure thick grey pad is inserted in cup first with small blue pad on top of grey. Ensure edges do not protrude.

S40, S41C/V/E, S65: Place foam inside cup ensuring edges do not protrude.

S66: Insert largest foam pad into cup followed by smaller pad. Ensure edges do not protrude.

To obtain the best possible performance from these ear defenders it is important to ensure the suitability with the wearer.

It is essential to achieve a good and comfortable cushion seal around each ear. There must be minimal or no obstructions in this area (i.e. headband strap). It is also important that no part of either ear defender cup contacts or clashes with the helmet shell and/or other helmet parts (this may have a detrimental effect on the attenuation performance). Rotate/re-position the cup to ensure there is no contact.

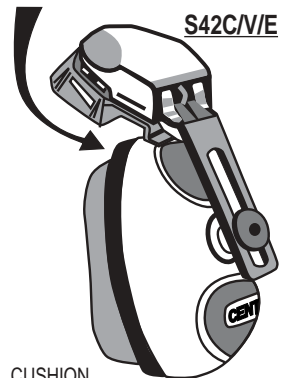
If contact persists then the ear defenders may be deemed unsuitable for the wearer. It would be recommended that an alternative ear defender be sought if any of the fitting criteria are not met.

IMPORTANT – S41C and S42C ear defenders are supplied complete with standard clips (S570) to enable attachment to the Centurion range of 1100/1125 type helmets. Clips are also available for use on the Rigger Helmet (S42E and S41E ear defenders) and for use on the Vision helmet (S42V and S41V ear defenders). It is important to note that once a helmet clip is fitted to an ear defender it cannot be removed.

EC type examination by: British Standards Institution, 389 Chiswick High Road, London W4 4AL.

(Notified body No. 0086) All Centurion products are CE approved.

"TOP" on ring to indicate orientation



Rounded (C/W logo) end of cup orientated at bottom

CE Pt. No. 017-004-131