

# S22 Safety Helmet

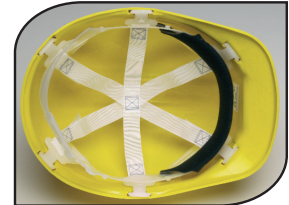


S22 - High Temperature



The S22 fibreglass safety helmet material is resistant to radiant temperatures of up to 500°C\* and is designed for use in industries where there is a risk from high levels of radiant heat.

\* For details of the material testing, contact the Centurion Sales Desk



Features

- High heat Vinyl Ester backboned Polyester Resin which is Glass Reinforced Plastic (GRP)
- Comfortable fit with Terylene 6 point cradle and Brushed Nylon sweatband
- Compatible with **CONNECT** range of high heat face protection

Codes & Colours

**Description**  
S22  
S22 Ratchet

**Code**  
S22\*A  
S22\*R

**Accessory slot**  
**CONNECT**  
**CONNECT**

**Colours**  
W B R Y O G

Standard pack quantity per colour 20  
Ratchet pack quantity per colour 10

\* Denotes Colour of helmet (ie. W for White)



Specification/Application

Shell material	GRP (Glass Reinforced Plastic)
Weight	375g
Size	51-63cm, 52-63cm with Premium Ratchet
Cradle	Sewn Terylene (code S33/16), Ratchet (code S33/33)
Peak type	Full
Sweatband	Brushed Nylon
European Standard	EN 397. GOST: 12.4.207-99 (Russian standard)
Standards options	440V a.c., -30°C, LD, MM. GOST 2000V a.c., -30°C, +90°C, LD
Corporate Badging	Front: 50 x 40mm or 45 x 45mm, Sides/Rear: 100 x 30mm
Accessories	Compatible with the <b>CONNECT</b> range of accessories
Options	Chinstrap (S30V)

**Suitable applications:**

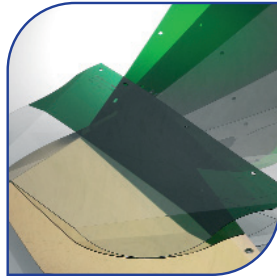
- Metal Industries
- Glass manufacturing
- Aluminium smelting
- Iron & Steel Foundries
- Chemical Manufacturing

# High Temperature Face Protection



High Temperature Face Protection

The High Temperature range is designed to supply a complete system in areas at risk of radiant temperatures.



Range Information

**Range Includes**

- Heat resistant S22 GRP helmet
- High temperature carrier
- High temperature Triacetate clear, green/clear or Gold Polycarbonate screens
- Aluminised neck cape for rear head & neck protection



Applications

**Suitable applications:**

For general head protection and, in particular any environments where the user is at risk from areas of high/radiant heat:

- Foundries
- Metal Industries
- Glass manufacturing
- Aluminium smelting
- Iron & Steel Foundries
- Chemical Manufacturing
- Frying Food Industries

High Temperature Face Protection					
	Face Screen Carrier	Face Screens			
<b>Material</b>	Polyetherimide	Triacetate Clear	Triacetate Green/ Clear Shade 3 & 5	Triacetate Green Shade 3 & 5	Polycarbonate Gold
<b>Visible length</b>	-	210mm	210mm	210mm	210mm
<b>Standard</b>	EN 166	EN 166	EN 166	EN 166	EN 166
<b>Standards option</b>	-	1 FT 9 3	1 FT 9 3 (EN 169 3) 1 FT 9 3 (EN 169 5)	1 FT 9 3 (EN 169 3) 1 FT 9 3 (EN 169 5)	1 FT 9 3 (EN 171 4-5)
<b>Temperature resistance -</b>					
no softening before:	300°C	93°C	93°C	93°C	140°C*
no melting before:	380°C	250°C	250°C	250°C	150°C
<b>Code</b>	S57, S57B <small>(with carrier arm to insert into Bilsom ear defenders)</small>	S598	S603 / S605	S613 / S615	S760
* Gold tint deflects radiant heat and therefore protects the eyes from infra red and the face from the heat.					

## Technical Data Sheet

### S22 High Temperature Safety Helmet

The S22 fibreglass safety helmet is designed for use in industries where there is a risk from high levels of radiant heat.



Specification

Colours:	White (W), Green (G), Blue (B), Orange (O), Yellow (Y), Red (R)
Peak:	Full (40mm)
Size:	51-63cm Standard, 52-63cm with 'Push and Turn' Premium Ratchet
Options:	Chinstrap (S30V)
Accessories:	Compatible with  range of face and hearing accessories
Weight:	375g, 400g with Premium Ratchet
Corporate Badging:	Front: 50 x 40mm or 45 x 45mm, Back and Sides: 100 x 30mm
Helmet Accessories Clip:	Use  accessories clips (S570) supplied with Carriers and Ear Defenders
Packaging:	Standard: 10 per colour, box size 44.8 x 44.5 x 29.5cm, box weight 4.34kg Ratchet: 10 per colour, box size 44.8 x 44.5 x 29.5cm, box weight 4.6kg
Code:	S22*A (Standard) S22*R (with Ratchet) *Insert Colour code of helmet (ie. W for White)

Materials

Shell:	GRP (Glass Reinforced Plastic)
Cradle:	6 Point Terylene webbing
Headband:	LDPE (Low Density Polyethylene)
Sweatband:	Brushed Nylon with 2mm foam



Standard & Options

EN 397:1995	
Options within EN 397:	440V a.c (Electrical Resistance) LD (Lateral Deformation) MM (Molten Metal) -30°C (Low Temperature Performance)
GOST 12.4.207-99 (Russian Standard):	
Options within GOST:	2000V a.c (Electrical Resistance) LD (Lateral Deformation) -30°C (Low Temperature Performance) +90°C (High Temperature Performance)

Storage / Lifetime

- Storage:
- Can be stored and transported in their original cartons at ambient temperature (0°C to + 30°C)
  - May be stored in the dark for up to **5 years**
  - Do not store in direct/high heat or sunlight as this may distort the shell
- Lifetime:
- The Centurion helmet has an in-use life to up to **5 years**
  - Excessive wear and tear can considerably reduce the lifespan of the product