

TECHNICAL DATA SHEET

CONCEPT

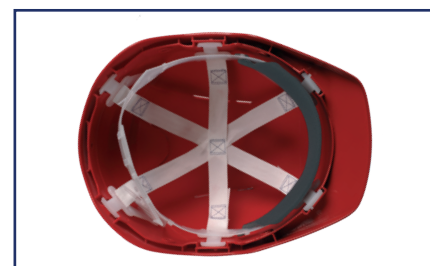
DESCRIPTION

Light, strong and comfortable helmet. Manufactured from high quality, strong ABS material, the Concept is up to 20% lighter than most other helmets.

SPECIFICATION

	Code	Option	Weight
Product Codes and Helmet Options	S09C*A	Full Peak Slip Ratchet Non-Vented	318gm
	S08C*A	Reduced Peak Slip Ratchet Non-Vented	315gm
	S09C*F	Full Peak Slip Ratchet Vented	318gm
	S08C*F	Reduced Peak Slip Ratchet Vented	315gm
	S09C*R	Full Peak Wheel Ratchet Non-Vented	337gm
	S08C*R	Reduced Peak Wheel Ratchet Non-Vented	334gm
	S09C*RF	Full Peak Wheel Ratchet Vented	337gm
	S08C*RF	Reduced Peak Wheel Ratchet Vented	334gm
Size	51 - 63cm (Slip Ratchet) 52 - 64cm (with Premium 'Twist2Fit' Wheel Ratchet)		
Peak	Full (40mm) or Reduced (20mm)		

* Insert colour code of helmet.



MATERIALS

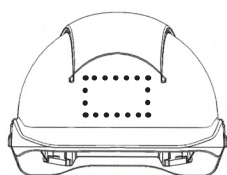
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester Fabric)
Wheel Ratchet	Acetal with HDPE straps, Black foam 3mm

COLOURS

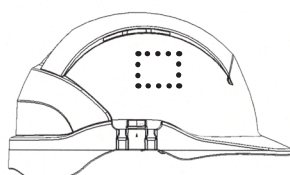
	White	Blue	Red	Yellow	Orange	Green	Light Blue	Black	Bright Yellow	Bright Orange
Colour Code	W	B	R	Y	O	G	LB	K	HVY	HVO
RAL	9010	5026	3031	1018	2003	6036	5005	9005	1026	2005
Pantone	White	2768	1807	109	1505	343	2935	Black	809	1655

Please note: the closest matching RAL colours are listed.

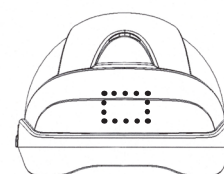
CORPORATE BADGING



Front	
↔ ↑	85 x 50mm
↔ ↑	25 x 60mm



Sides	
↔	80mm
↑	35mm



Rear	
↔ ↑	30 x 25mm
↔ ↑	100 x 20mm

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Product	EN 397:2012 + A1:2012				Options outside the scope of EN 397		EN 50365:2002 (1000V a.c.) For use on low voltage insulations	ANSI/ISEA Z89.1-2014 Type 1			Options outside the scope of ANSI/ISEA		CSA/ CAN Z94.1-05 Type 1		Tested to the performance requirements of AS/NZS 1801:1997 Type 1
	Lateral Deformation (LD)	- 30°C (Low Temperature)	Molten Metal (MM)	440V a.c. (Electrical Resistance)	1000V a.c. (Electrical Resistance)	- 40°C (Low Temperature)		Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	- 30°C (Low Temperature)	- 40°C (Low Temperature)	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)		
Full Peak Non-Vented Wheel Ratchet S09C*R	✓	✓	✓	✓	✓	✓	✓		✓		✓				
Reduced Peak Non-vented Wheel Ratchet S08C*R	✓	✓	✓	✓	✓	✓	✓		✓		✓				
Full Peak Vented Wheel Ratchet S09C*RF	✓	✓	✓			✓	✓	✓			✓				
Reduced Peak Vented Wheel Ratchet S08C*RF	✓	✓	✓			✓	✓	✓			✓				
Full Peak Non-Vented Slip Ratchet S09C*A	✓	✓	✓	✓	✓	✓	✓		✓		✓				
Reduced Peak Non-Vented Slip Ratchet S08C*A	✓	✓	✓	✓	✓	✓	✓		✓		✓				
Full Peak Vented Slip Ratchet S09C*F	✓	✓	✓			✓	✓	✓			✓				
Reduced Peak Vented Slip Ratchet S08C*F	✓	✓	✓			✓	✓	✓			✓				

Note: EN 397 Electrical Resistance applicable to unvented shells ONLY

CONCEPT ANTI STATIC SYSTEM

The Concept safety helmet and specific system accessories can be used in explosive atmospheres as it provides anti static protection according to IEC 60079-32-2:2015 Electrostatics hazards tests.

Product	Gas Zone 0			Gas Zone 1			Gas Zone 2			Dust Zone 20			Dust Zone 21			Dust Zone 22		
	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC
Concept with or without Reflective stickers and with Eyewear (S589/S589SE)	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Concept with Contour Carrier (S55) and Multi Purpose Face Screen (S810)				✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓

ACCESSORIES

Face	Compatible with Connect, Euro and Contour range of Face protection
Accessory Clips	Use S570 Connect or S565 Euro accessory clips. Use S585 clips (supplied with Contour Carrier).
Ear	Compatible with Centurion helmet mounted Sana S725, S730 and Sana S734 Ear Defenders (supplied with S570 Connect and S565 Euro accessory clips)
Eye	Clear S589 or Smoke Grey S589SE moulded Polycarbonate Eye Shield with anti scratch/fog coating
Stickers	S30HIRS Silver High Intensity Reflective Sticker sets available. Material meets the specification requirements of EN 12899-1 Ra2
Unique Features	Internal card holder in helmet for identification or medical information (credit card size 54 x 85mm)
Sweatband	S31D Dry-Tech sweatband
Cradle with Slip Ratchet	S33/34 Terylene Cradle with Dry-Tech Sweatband
Cradle with Wheel Ratchet	S33/35 Terylene Cradle with Premium 'Twist2Fit' Wheel Ratchet and Dry-Tech Sweatband
Chinstrap	Compatible with S30E 2 point chinstrap, 4 point SecurePlus chinstraps S30Y, S30LY and S30YE elasticated

PACKAGING AND MAINTENANCE

Packaging	20 per colour, box size 58 x 44 x 43cm, box weight 7.34kg
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 safety helmet has an in-use life of up to 5 years Excessive wear and tear can considerably reduce the lifespan of the product
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred when possible. Look out for the recycling symbol for material category