

TECHNICAL DATA SHEET



DESCRIPTION

Specialised Safety Helmet with Moulded Integrated Eye Protection.
The visor design allows for prescription eyewear to be used underneath it.

SPECIFICATION

Product Codes and Helmet Options	Code	Option	Weight
	S10PLUSE*A	Slip Non-Vented	525gm
	S10PLUSE*R	Ratchet Non-Vented	544gm
	S577	Spare Clear Visor	
Size	51 - 63cm (Standard) 52 - 64cm (with Premium 'Twist2Fit' Ratchet)		
Peak	Reduced (20mm)		

* Insert colour code of helmet.



MATERIALS

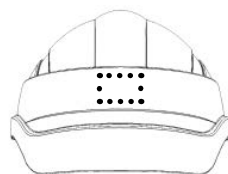
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester)
Ratchet	Acetal with HDPE straps, Black foam 3mm
Visor	Moulded 2mm Polycarbonate Clear (with anti scratch & anti fog coating)

COLOURS

	White	Blue	Red	Yellow	Orange	Green	Light Blue	Black	Grey	High-Vis Yellow	High-Vis Orange
Colour Code	W	B	R	Y	O	G	LB	K	E	HVY	HVO
RAL	9010	5026	3031	1018	2003	6036	5005	9005	5000	1026	2005
Pantone	White	2768	1807	109	1505	343	2935	Black	7545	809	1655

Please note: the closest matching RAL colours are listed.

CORPORATE BADGING



Front	
↔ ↑	70-10mm
↔ ↑	60-50mm
↔ ↑	25-60mm




Rear	
↔	100mm
↑↓	30mm

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Product	EN 397:2012 + A1:2012						Options outside the scope of EN 397	ANSI/ISEA Z89.1-2009 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)	EN 50365:2002 (1000V a.c.) For use on low voltage insulations		Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	- 30°C (Low Temperature)		- 40°C (Low Temperature)
Ratchet Non-Vented S10PLUSE*R	✓	✓	✓	✓	✓	✓			✓	✓			
Slip Non-Vented S10PLUSE*A	✓	✓	✓	✓	✓	✓			✓	✓			

Face Protection	Impact Protection		EN 166				EN 169	EN 170	EN 171	EN 172	EN 175	EN 1731	GS-ET-29 Revision 1	ANSI/ ISEA Z87.1+ (Impact Rated)					
	F - Low Energy	B - Medium Energy	A - High Energy	1 - Optical Class	3 - Liquid droplets	9 - Molten Metal Splash	T - High Speed Particles	8 - Electric Arc	Scale Number 3	Scale Number 5	2C-1,2	2-1,2	4-5	5-2,5	5-3,1	Welding and Allied Processes	Use against Mechanical Hazards (including Forestry)	Face Shields for live electrical work and Arc Flash protection Class 2	American Eye and Face Standard
Visor S577			✓	✓			✓												✓

ACCESSORIES

Face	Compatible with  range of Face Protection (carriers and face screens)
Accessory Clips	S565  Clip sets for fitting safety helmet accessories
Ear	Compatible with Centurion helmet mounted Aegean S42E/CE and Baltic S41E/CE Ear Defenders (supplied with S565  accessory clips)
Eye	S577 Visor - Fully retractable, accepts standard prescription spectacles underneath
Stickers	S30HIRS Silver High Intensity Reflective Sticker sets available. Material meets the specification requirements of EN 12899-1 Ra2
Sweatband	S31D Dry-Tech sweatband
Standard Cradle	S33/34 Terylene Cradle with Dry-Tech Sweatband
Ratchet Cradle	S33/35 Terylene Cradle with Premium 'Twist2Fit' Ratchet and Dry-Tech Sweatband
Chinstrap	Compatible with 2 point chinstrap S30E, 4 point chinstraps S30Y, S30LY and S30YE

PACKAGING AND MAINTENANCE

Packaging	5 per colour, box size 28 x 22 x 50cm, box weight 3kg, 3.15kg (Ratchet)
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