

Technical Data Sheet

Spectrum
Safety Helmet

Spectrum™ **COMBI**

Specialised Safety Helmet with Integrated Over Spectacles - providing grade B medium energy impact protection



Specification	Colours:	White (W), Green (G), Blue (B), Light Blue (LB), Orange (O), Yellow (Y), Red (R), Black (K), Grey (E), Hi Visibility Yellow (HVY), Hi Visibility Orange (HVO)
	Peak: Size: Options: Accessories:	Reduced (20mm) 51-63cm (Standard), 52-64cm with Premium 'Twist 2 Fit' Ratchet Ventilation, Premium Ratchet headband (S33/31) Compatible with ELR and approved 30mm slot range of face and hearing accessories, Chinstrap (S30E), 4 point linesman harness (S30Y) Badge Holder 54 x 85mm (S30SBH)
Materials	Weight: Corporate Badging: Over Spectacles: Helmet Accessories Clip: Packaging: Code:	440g, 471g with Premium Ratchet Front: 95 x 45mm, Sides: 100 x 20mm, Back: 100 x 20mm Fully retractable, accepts standard prescription spectacles underneath Use ELR accessories clips (S565) supplied with Carriers and Ear Defenders 10 per colour, box size 47 x 30 x 50cm box weight 5.1kg, 5.4kg (Ratchet) S20*A, S20*R (Ratchet), S20*F (Vented) S20*RF (Ratchet Vented) S576 (spare Over Spectacles) *Insert Colour code of helmet (ie. W for White)
	Extra Feature:	AquaDirect rain management system to direct the rain off the helmet
Standard & Options	Shell: Cradle: Headband: Sweatband: Ratchet: Over Spectacles:	ABS (Acrylonitrile-Butadiene-Styrene) 6 Point Terylene webbing LDPE (Low Density Polyethylene) Hydro-Flock with 4mm foam Acetal with HDPE Straps, Black Foam 3mm Moulded Polycarbonate Clear (with anti scratch and anti fog coating)
	Options within EN 397	European Standard - EN 397:2012+A1:2012 - helmet, EN 50365 - Electrically insulating helmets for use on low voltage installations, EN 166:2001 - Integrated Clear Over Spectacles American Standards - ANSI/ISEA Z89.1-2009 Type 1 Class C (vented) Class E (non vented) LT - Helmet ANSI/ISEA Z87.1-2010 Z87+ - Overspectacles 440V a.c. (Electrical Resistance) - Non vented helmet only LD (Lateral Deformation) MM (Molten Metal) -30°C (Low Temperature Performance)
Storage / Lifetime	Options in addition to EN 397	1000V a.c. (Electrical Resistance) - Non vented helmet only -40°C (Low Temperature Performance)
	Options within EN 166	1 B T 1 (Optical Class 1 - best class for continuous work) B (Medium Energy Impact) T (Resistance to high speed particles at extremes of temperature -5°C/+55°C) 2C-1,2 (Ultra Violet Radiation at wave lengths shorter than 313nm and when glare is not an important factor. Good colour perception)
Cleaning	Options within EN 170	
	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 of up to 5 years - Excessive wear and tear can considerably reduce the lifespan of the product	
	- Clean using warm soapy water and soft cloth - Do not use solvents or abrasives	

