

Technical Data Sheet

Spectrum
Safety Helmet

Spectrum™



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:	Reduced (20mm)
Materials	Size:	51-63cm (Standard), 52-64cm with Premium 'Twist 2 Fit' Ratchet
	Options:	Ventilation, Premium Ratchet headband (S33/31)
	Accessories:	Compatible with ELR and approved 30mm slot range of face and hearing accessories, Chinstrap (S30E), 4 point linesman harness (S30Y)
	Weight:	440g, 471g with Premium Ratchet
	Corporate Badging:	Front: 95 x 45mm, Sides: 100 x 20mm, Back: 100 x 20mm
	Over Spectacles:	Fully retractable, accepts standard prescription spectacles underneath
	Helmet Accessories Clip:	Use ELR accessories clips (S565) supplied with Carriers and Ear Defenders
	Packaging:	10 per colour, box size 47 x 30 x 50cm box weight 5.1kg, 5.4kg (Ratchet)
	Code:	S20*A, S20*R (Ratchet), S20*F (Vented) S20*RF (Ratchet Vented)
	Extra Feature:	S576 (spare Over Spectacles) *Insert Colour code of helmet (ie. W for White)
Standard & Options	Shell:	ABS (Acrylonitrile-Butadiene-Styrene)
	Cradle:	6 Point Terylene webbing
Storage / Lifetime	Headband:	LDPE (Low Density Polyethylene)
	Sweatband:	Hydro-Flock with 4mm foam
Cleaning	Ratchet:	Acetal with HDPE Straps, Black Foam 3mm
	Over Spectacles:	Moulded Polycarbonate Clear (with anti scratch and anti fog coating)
Standard & Options	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	
	Options within EN 397	440V a.c. (Electrical Resistance) - Non vented helmet only LD (Lateral Deformation) MM (Molten Metal) -30°C (Low Temperature Performance)
	Options in addition to EN 397	1000V a.c. (Electrical Resistance) - Non vented helmet only -40°C (Low Temperature Performance)
Storage / Lifetime	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)
	Options within EN 170	2C-1,2 (Ultra Violet Radiation at wave lengths shorter than 313nm and when glare is not an important factor. Good colour perception)
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 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 - Do not use solvents or abrasives	