

Technical Data Sheet

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), Hi Visibility Yellow (HVY), Hi Visibility Orange (HVO)
Peak:	Reduced (20mm)
Size:	51-63cm (Standard), 52-64cm with Premium 'Twist 2 Fit' Ratchet
Options:	Ventilation, Premium Ratchet headband (S33/31)
Accessories:	Compatible with CONNECT and approved 30mm slot range of face and hearing accessories, Chinstrap (S30E), 4 point linesman harness (S30Y) Badge Holder 54 x 85mm (S30SBH)
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 CONNECT accessories clips (S570) 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) 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

Materials

Shell:	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle:	6 Point Terylene webbing
Headband:	LDPE (Low Density Polyethylene)
Sweatband:	Hydro-Flock with 4mm foam
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	
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)
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