

# TECHNICAL DATA SHEET

# Nexus CORE



## DESCRIPTION

Modern, recreational styled Safety Helmet with 'Micro Peak' for optimum visibility. Includes premium Dry-Tech sweatband for maximum comfort, helping the wearer to stay cool and productive for longer.

## SPECIFICATION

	Code	Option	Weight
Product Codes and Helmet Options	S16E*R	Ratchet Non-Vented	386gm
	S16E*RF	Ratchet Vented	386gm
	S16E*A	Slip Non-Vented	367gm
	S16E*F	Slip Vented	367gm
Size	51 - 63cm (Standard) 52 - 64cm (with Premium 'Twist2Fit' Ratchet)		
Peak	Micro (20mm)		

\* Insert colour code of helmet.



## MATERIALS

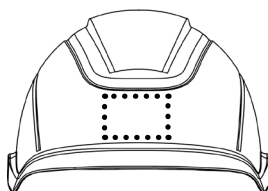
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester)
Ratchet	Acetal with HDPE Straps, Black Foam 3mm

## COLOURS

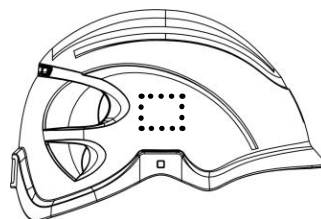
	White	Blue	Red	Yellow	Orange	Green	Light Blue	Black	Grey	High-Vis Yellow	High-Vis Orange
Colour Code	W	B	R	Y	O	G	LB	K	E	HVY	HVO
RAL	9010	5026	3031	1018	2003	6036	5005	9005	5000	1026	2005
Pantone	White	2768	1807	109	1505	343	2935	Black	7545	809	1655

Please note: the closest matching RAL colours are listed.

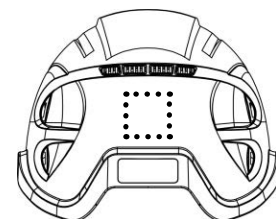
## CORPORATE BADGING



Front	
↔	75mm
↕	40mm



Sides	
↔	50mm
↕	40mm






Rear	
↔	50mm
↕	50mm

## 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.)	
Ratchet Non-Vented S16E*R	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	
Ratchet Vented S16E*RF	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓	
Slip Non-Vented S16E*A	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓	
Slip Vented S16E*F	✓	✓	✓			✓	✓	✓		✓	✓			✓	

## 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	Clear S589 or Smoke Grey S589SE moulded Polycarbonate Eye Shield with anti scratch/fog coating
Stickers	S30NHIRS High Intensity Reflective Sticker sets available in a range of colours. Material meets the specification requirements of EN 12899-1 Ra2. Not fitted as standard
Linesman Harness	S30LY 4 point quick release EN 397 Black Harness to convert Core to Linesman
HeightMaster Harness	S30NY replaceable 4 point adjustable EN 12492 Blue Harness combines with the S30NL Liner to convert Core to HeightMaster (for vented shell only)
HeightMaster Liner	S30NL Liner combines with the S30NY harness to provide approval to EN 12492, converting Core to HeightMaster (for vented shell only)
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

## PACKAGING AND MAINTENANCE

Packaging	5 per colour, box size 28 x 22 x 50cm, box weight 2.22kg (S16E* A/F), 2.32kg (S16E* R/RF)
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
Disposal	Recycling is preferred when possible. Look out for the recycling symbol for material category