

TECHNICAL DATA SHEET



NEXUS HEIGHTMASTER INTEGRATED

DESCRIPTION

Modern, recreational styled Safety Helmet with 'Micro Peak' for optimum visibility. Includes a replaceable 4 point adjustable EN 12492 chinstrap with a HeightMaster liner (providing improved impact and penetration protection) for Working at Height applications. Stylish fast fitting replaceable moulded spectacles with anti scratch/anti fog coating and easy to use pull down tabs.

SPECIFICATION

Product Codes and Helmet Options	Code	Option	Weight
	S16E*FMRS589	Ratchet Vented Only	505gm
Size	53 - 63cm		
Peak	Micro (20mm)		

* Insert colour code of helmet.



MATERIALS

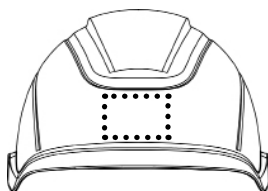
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester)
Ratchet	Acetal with HDPE Straps, Black Foam 3mm
EN 12492 Chinstrap	Printed Polyester and Acetal Quick Release Buckle, Side Adjusters and Rear Divider
HeightMaster Liner	EPS (Expanded Polystyrene)
Spectacles	Clear Polycarbonate

HELMET COLOURS

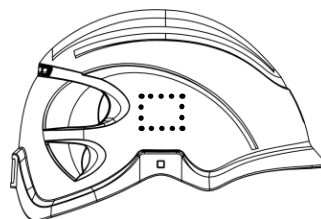
	White	Blue	Red	Yellow	Orange	Green	Light Blue	Black	Grey	High-Vis Yellow	High-Vis Orange
Colour Code	W	B	R	Y	O	G	LB	K	E	HVY	HVO
RAL	9010	5026	3031	1018	2003	6036	5005	9005	5000	1026	2005
Pantone	White	2768	1807	109	1505	343	2935	Black	7545	809	1655

Please note: the closest matching RAL colours are listed.

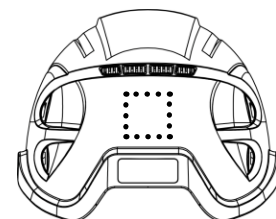
CORPORATE BADGING



Front	
↔	75mm
↕	40mm



Sides	
↔	50mm
↕	40mm



Rear	
↔	50mm
↕	50mm

EUROPEAN AND INTERNATIONAL HELMET STANDARDS WITH OPTIONS

Product	EN 12492:2012 Mountaineering Standard	EN 397:2012 + A1:2012 Conforms to shock and penetration tests				Options outside the scope of EN 397		Conforms to EN 50365:2002 (1000V a.c.) For use on low voltage insulations	ANSI/ISEA Z89.1-2014 Type 1		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)	Class C (Conductive 0V a.c.)	
Wheel Ratchet Vented S16E*FMRS589	✓	✓	✓				✓	✓	✓		✓		✓

EUROPEAN AND INTERNATIONAL EYEWEAR STANDARDS WITH OPTIONS

Product Code	EN 166:2001: Personal Eye Protection								EN 169: 2002	EN 170: 2002	EN 171: 2002	EN 172: 1995	GS-ET-29 Rev 1 Supplementary requirements for the testing and certification of face shields for electrical works	ANSI/ISEA Z87.1 2014 American National Standard for Occupational and Educational Personal Eye and Face Protection Devices				
	F - Low Energy Impact	B - Medium Energy Impact	A - High Energy Impact	1 - Optical Class	3 - Liquid droplets	9 - Molten Metal Splash	T - High Speed Particles at extremes of temperature	8 - Electric Arc	Scale Number 3	Scale Number 5	2C-1,2	2-1,2	4-5	5-2,5	5-3,1	Class 1 4 kA (3.2 cal/cm ²)	Class 2 7 kA (10.1 cal/cm ²)	Z87.1
S589	✓			✓						✓								✓

ACCESSORIES

Face	Compatible with Euro range of Face Protection (carriers and face screens)
Accessory Clips	Euro Clip Sets for fitting safety helmet accessories S565
Ear	Compatible with Centurion helmet mounted Aegean S42CE and Baltic S41CE Ear Defenders (supplied with S565 Euro 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
HeightMaster Harness	S30NY replaceable 4 point adjustable EN 12492 Blue chinstrap combines with the S30NL Liner to convert Core Vented to HeightMaster
HeightMaster Liner	S30NL Replaceable Liner combines with the S30NY chinstrap to provide approval to EN 12492, converting Core Vented to HeightMaster
Sweatband	S31D Dry-Tech sweatband
Ratchet Cradle	S33/35 Terylene Cradle with Premium 'Twist2Fit' Wheel Ratchet and Dry-Tech Sweatband

PACKAGING AND MAINTENANCE

Packaging	1 per colour, box size 28 x 22 x 50cm, Box Weight 0.68kg
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 and eyewear 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