



TECHNICAL DATA SHEET

NEXUS HEIGHTMASTER
ELEC



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The Nexus HeightMaster safety Helmet with 'Micro Peak' for optimum visibility for working at height with up to 20kV of protection. Includes a replaceable 4 point adjustable EN 12492 chinstrap and HeightMaster liner (providing improved impact and penetration protection)

FEATURES AND BENEFITS

- Exceeding standards and transferring less shock for improved impact and penetration protection
- Premium Grade ABS provides high performance and optimal strength to weight ratio for the ultimate wearer protection
- Optimised Micro Peak for maximum upward visibility
- EN 12492 Chinstrap for additional wearer comfort and helmet stability
- Premium "Twist 2 Fit" wheel ratchet for improved head and nape protection
- Premium Dry-Tech sweatband as standard for maximum comfort
- Full system compatibility with a range of certified accessories for different tasks
- Available in any colour * subject to minimum order quantities
- Suitable for custom branding



MARKETS

- Construction and Buildings. Civil Engineering
- Utilities, Maintenance, Sustainable Energy, Oil, Gas and Mining
- Logistics and Transportation
- Automotive and Aerospace
- Engineering
- Chemicals, Pharmaceutical
- FMCG, Food and Drink, Pulp + Paper, Packaging, Recycling, Agriculture
- Petroleum



SPECIFICATION

Helmet Options	Option	Weight
	Ratchet Non-Vented	480g
Size	53-63cm	
Peak	Micro (20mm)	
Packaging	1 unit per box. Box size 28 x 22 x 50cm, Box Weight 660g	

MATERIALS

Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech Premium
Wheel Ratchet	Acetal with HDPE Straps, Black Foam 3mm
EN 12492 Chinstrap	Polyester and Acetal Clips, side adjusters and rear divider
Heightmaster Liner	EPS (Expanded Polystyrene)

COLOURS

With a wide range of helmet colours, we can help you to reduce on-site dangers and increase wearer safety through the identification of roles, experience and qualifications.

Colour and Product Code	White	Black	Red	Orange	Blue	Yellow	Green	Red/Blue	Blue/Red	Green/Blue
Ratchet Non-Vented	9969640									
RAL	9010	9005	3031	2003	5026	1018	1026	2005	5005	6036
Pantone	White	Black	1807	1505	2768	109	809	1655	2935	343

CORPORATE BADGING

Add your logo to help convey brand and safety messages.

Width	75mm	50mm	50mm	50mm
Height	40mm	40mm	40mm	50mm

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Nexus Heightmaster Elec	EN 12492:2012 Mountaineering Standard (Except clause 4.1.4 for ventilation)	EN 397:2012 + A1:2012		Options outside the scope of EN 397		EN 50365:2002 (1000V a.c.) For use on low voltage insulations	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	ANSI/ISEA Z89.1-2014 Type 1	Options outside the scope of ANSI/ISEA -30°C (Low Temperature)	-40°C (Low Temperature)	-30°C (Low Temperature)	-40°C (Low Temperature)	Options outside the scope of ANSI/ISEA -30°C (Low Temperature)	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	CSA/CAN Z94.1-05 Type 1	Tested to the performance requirements of AS/NZS 1801:1997 Type 1	
		Lateral Deformation (LD)	Molten Metal (MM)	440V a.c. (Electrical Resistance)	1000V a.c. (Electrical Resistance)														
Ratchet Non-Vented	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	

Nexus HeightMaster Elec Anti Static System

The Nexus HeightMaster Elec safety helmet and specific system accessories can be used in explosive atmospheres as it provides anti static protection according to IEC 60079-32-2:2015 Electrostatics hazards tests.

Product	Gas Zone 0			Gas Zone 1			Gas Zone 2			Dust Zone 20			Dust Zone 21			Dust Zone 22		
	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC
Nexus Height-Master Elec with or without S30*NHIRS High intensity reflective stickers and with Eyewear (S589/S589SE)	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nexus Height-Master Elec with Contour Carrier (S55) and Multi Purpose Face Screen (S810)				●			●			●	●	●	●	●	●	●	●	●

Care and Maintenance

Storage

Can be stored and transported in their original cartons at ambient temperature (5°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.

Accessories

Face	Euro and Contour range of Face Protection (Carriers and Face Screens)
Eye	Clear or Smoke Grey moulded Polycarbonate Eye Shield with anti-scratch/fog coating
Ear	Sana Ear Defenders
Lighting and Visibility	High Intensity Reflective Stickers and Vizlite DT Helmet Stickers
Chinstrap	Replaceable 4 point adjustable EN 12492 Grey Chinstrap

Product Codes and Bar Codes

Product code	Description	Case Bar code	Unit bar code
9969640 S16 EWMR	Nexus HeightMaster Elec White Wheel Ratchet Vented		



Accessories and Spares Codes

Product code	Description
S725	Sana 25 Helmet Mounted Ear Defenders
S730	Sana 30 Helmet Mounted Ear Defenders
S734	Sana 34 Helmet Mounted Ear Defenders
S30NY	4 point EN 12492 Grey Chinstrap
S31D	Dry-Tech sweatband
S33/34	Terylene Cradle with Dry-Tech sweatband
S33/35	Terylene Cradle with Ratchet and Dry-Tech sweatband
S589	Retractable eyeshield Clear 2C-1,2 1F UV filter
S589SE	Retractable eyeshield Smoke Grey 5-3,1 1F Sunglare filter
S55	Contour Visor Carrier
S800	Contour X General Purpose Face screen 2C-1,2 1BT 3 9
S810	Contour XI Multi-Purpose Face screen 2C-1,2 1BT 3 8-1-0 9
S30HIRS	High Intensity Reflective Stickers
S30SNHIRS	Nexus Silver HIRS Stickers

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