

High performance vented ABS shell

Internal Features:
6-point sewn durable and hardwearing Terylene webbing cradle, complete with Dry-Tech sweatband

Replacement EPS liners available

Eyewear (Optional)

Complete with fully removable and adjustable EN12492 4-point chinstrap

Reflective sticker kits available



NEXUS HeightMaster Helmet Protection

NCHV

Modular AS/NZS 1801:1997 tested height safety helmet system, EN12492 rated



Packaging nests together for convenient display



Tested to the performance requirements of AS/NZS 1801:1997 Australian/New Zealand Standards



ANSI Z89.9 Type 1 Class C



CSA/CAN Z94.1 Type 1 Class C



EN397



EN50365



EN12492

PERFORMANCE FEATURES

- + Modularity as standard
- + High performance ABS
- + Creative and stylish design
- + Premium Twist2Fit ratchet headband for secure fit
- + Premium Dry-Tech sweatband provides up to 40% faster drying and absorbs 4x more moisture
- + Enables -40°C Low Temperature
- + Micro peak for maximum upward visibility
- + Fully removable and adjustable chinstraps available
- + Tested to the performance requirements of AS/NZS 1801:1997

SUITABLE FOR

- + Construction
- + Scaffolding
- + Maintenance
- + Arborist
- + Silviculture
- + Recreation

TECHNICAL DATA SHEET

NEXUS HEIGHTMASTER



DESCRIPTION

Modern, recreational styled safety helmet with 20mm 'Micro Peak' for maximum upward visibility. Includes a replaceable 4-point adjustable EN 12492 chinstrap with HeightMaster liner providing improved impact and penetration protection for Working at Height applications.

SPECIFICATION

	Code	Style	Weight
Product Code	NCHV-(*)	Wheel Ratchet Vented	480gm
Size	53 - 63cm		
Peak	Micro (20mm)		

* Insert colour code of helmet.

MATERIALS

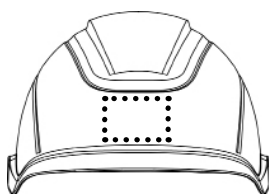
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Harness	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester)
Wheel Ratchet	Acetal with HDPE Straps, Black Foam 3mm
EN 12492 Chin-strap	Printed Polyester and Acetal Quick Release Buckle, Side Adjusters and Rear Divider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



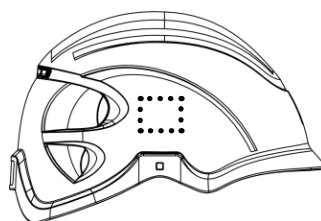
COLOURS

	White	Blue	Red	Yellow	Orange	Green	Black	High-Vis Yellow	High-Vis Orange
Product Code	NCHV-W	NCHV-B	NCHV-R	NCHV-Y	NCHV-O	NCHV-G	NCHV-BLK	NCHV-HVY	NCHV-HVO
Pantone	White	2768	2768	109	1505	343	Black	809	1655

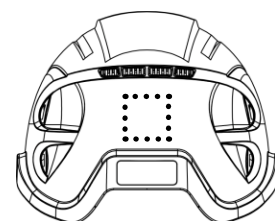
CORPORATE BADGING



Front	
↔	75mm
↑↓	40mm



Sides	
↔	50mm
↑↓	40mm



Rear	
↔	50mm
↑↓	50mm

EUROPEAN AND INTERNATIONAL 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 NCHV-()	✓	✓	✓			✓	✓	✓		✓			✓

NEXUS ANTI STATIC SYSTEM

The Nexus 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 Code	Gas Zone 0			Gas Zone 1			Gas Zone 2			Gas Zone 20			Gas Zone 21			Gas Zone 22		
	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC
Nexus Heightmaster with or without Reflective stickers and with Nexus Integrated Eyewear (S589/S589SE)	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

ACCESSORIES

Eye Shield	Clear S589 or smoke S589SE unique design integrated eyewear, easy to install or replace. Eyewear conveniently flips up or down in service. Approved to: • EN 397: 1000V A.C. (non-vented shell only) LD, MM, -40°C, EN 50365 • ANSI/ISEA Z89.1-2014 Type 1 Class C (Class E - non-vented shell only), LT, -40°C. Tested To: • Tested to the performance requirements of AS/NZS 1801:1997
Stickers	Highly reflective accessory stickers shaped for Nexus safety helmets ensure maximum visibility in low light environments. Coverage on front, side, rear and top of the helmet
HeightMaster Chinstrap	S30NY replaceable 4-point adjustable EN 12492 blue chinstrap
HeightMaster Liner	S30NL replaceable liner approved to EN 12492, when combined with S30NY chinstrap
Sweatband	S31D 'Dry-Tech' sweatband
Harness and Adjustment	S33/35 Terylene harness with premium 'Twist2Fit' wheel ratchet and 'Dry-Tech' sweatband

PACKAGING AND MAINTENANCE

Packaging	Individually packed in boxes with full user information. Boxes nest together for convenient display. Size 285 x 225 x 110 (max 160)mm
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.
Lifetime	The HeightMaster helmet has an expected in-use life of up to 5 years. However, exposure to UV radiation from sunlight, temperature extremes, chemicals, small strikes from falling objects and in-service knocks will reduce the impact resistance of the helmet. Hard hat components should be inspected regularly for signs of cracks, penetration, dents and any damage due to wear, rough treatment or impact. Esko recommends that the date of issue to wearer is recorded on a sticker inside the helmet and, in normal service, the helmet is routinely replaced on a two or three year schedule.
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred when possible. Look out for the recycling symbol for material category

