

# NEXUS CorePlus Helmet Protection

## NCPV

Modular AS/NZS 1801:1997 tested industrial safety helmet with EN397 4-point chinstrap

Reflective sticker kits available



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



## PERFORMANCE FEATURES

- + Modularity as standard, high performance vented ABS shell
- + Complete with fully removable and adjustable EN397 4-point chinstrap
- + Premium Twist2Fit ratchet headband for secure fit, adjusts to head size 52–64cm
- + Premium Dry-Tech sweatband provides up to 40% faster drying and absorbs 4x more moisture
- + Tested down to -40°C low temperature
- + Reflective sticker kits available
- + Micro peak for maximum upward visibility
- + Available in white, hi-vis yellow, hi-vis orange, red, yellow, blue, orange, black, green
- + Weight: 415g

### Approved To

EN397, EN50365, ANSI Z89.1 Type 1 Class C, CSA/CAN Z94.1-05 Type 1 Class C

### Tested To

Tested to the performance requirements of AS/NZS 1801:1997

## SUITABLE FOR

- + Construction
- + Outdoor
- + Industry
- + Agriculture
- + Siteworks

## WARRANTY

This helmet has an in-use life of up to 5 years from the date of issue to the user (i.e. removal from storage). It is recommended that after 5 years use the helmet is replaced. Excessive wear & tear and use in extreme environments can considerably reduce the lifespan of the product.

# TECHNICAL DATA SHEET

## NEXUS COREPLUS



### DESCRIPTION

Modern, recreational styled safety helmet with 20mm 'Micro Peak' for maximum upward visibility. Includes premium Dry-Tech sweatband for maximum comfort, helping the wearer to stay cool and productive for longer. Includes EN 397 chinstrap for added stability and comfort. Delete 'includes' from last sentence and start with 'Premium'

### SPECIFICATION

	Code	Style	Weight
Product Code	NCPV-(* )	Wheel Ratchet Vented	415gm
Size	52 - 64cm (Premium 'Twist2Fit' Wheel Ratchet)		
Peak	Micro (20mm)		

\* Insert colour code of helmet.

### MATERIALS

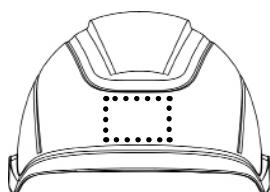
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Harness	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester)
Wheel Ratchet	Acetal with HDPE Straps, Black Foam 3mm
EN 397 Chinstrap	Printed Polyester and Acetal Clips



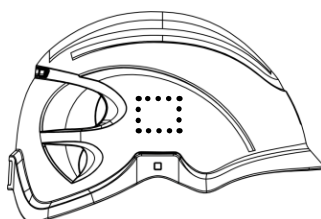
### COLOURS

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

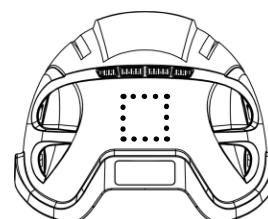
### CORPORATE BADGING



Front	
↔	75mm
↑↓	40mm



Sides	
↔	50mm
↑↓	40mm



Rear	
↔	50mm
↑↓	50mm

## EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Product	EN 397:2012 + A1:2012				Options outside the scope of EN 397			ANSI/ISEA Z89.1-2014 Type 1			Options outside the scope of ANSI/ISEA	CSA/ CAN Z94.1-05 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.)	Class E (20,000V A.C.)	
Wheel Ratchet Vented NCV-( )	✓	✓	✓			✓	✓		✓	✓	✓	✓		✓
Tested to the performance requirements of AS/NZS 1801:1997 Type 1														

## 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 CorePlus 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. Conveniently flips up or down in service. <b>Approved to:</b> • 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. <b>Tested To:</b> • 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
CorePlus Chinstrap	S30LY 4-point quick release EN 397 black 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 CorePlus 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