

# TECHNICAL DATA SHEET

## NEXUS SECUREPLUS



### DESCRIPTION

Modern, recreational styled safety helmet with 20mm 'Micro Peak' for maximum upward visibility. Includes 4-point quick release harness for added stability and comfort with a non-vented shell to meet electrical safety standards.

### SPECIFICATION

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

\* Insert colour code of helmet.



### MATERIALS

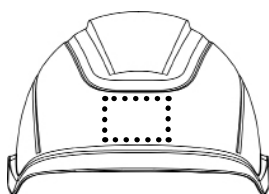
Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Harness	LDPE (Low Density Polyethylene)
Sweatband	Dry-Tech (Polyester)
Wheel Ratchet	Acetal with HDPE Straps, Black Foam 3mm
EN 397 Chinstrap	Printed Polyester and Acetal Clips



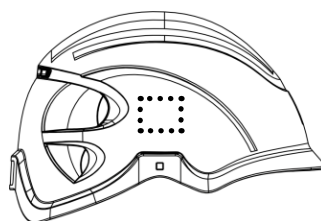
### COLOURS

	White	Red	Grey	High-Vis Yellow	High-Vis Orange
Product Code	NCSNV-W	NCSNV-R	NCSNV-GREY	NCSNV-HVY	NCSNV-HVO
Pantone	White	2768	7545	809	1655

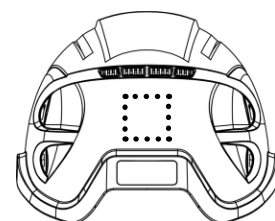
### CORPORATE BADGING



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			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.)	Class E (20,000V A.C.)		
Wheel Ratchet Non-Vented NCSNV-( )	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## 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 SecurePlus with or 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> <ul style="list-style-type: none"> <li>EN 397: 1000V A.C. (non-vented shell only) LD, MM, -40°C, EN 50365</li> <li>ANSI/ISEA Z89.1-2014 Type 1 Class C (Class E - non-vented shell only), LT, -40°C.</li> </ul> <b>Tested To:</b> <ul style="list-style-type: none"> <li>Tested to the performance requirements of AS/NZS 1801:1997</li> </ul>
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
SecurePlus 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

<b>Packaging</b>	Individually packed in boxes with full user information. Boxes nest together for convenient display. Size 285 x 225 x 110 (max 160)mm
<b>Storage</b>	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.
<b>Lifetime</b>	The SecurePlus 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.
<b>Cleaning</b>	Clean using warm soapy water and soft cloth
<b>Disposal</b>	Recycling is preferred when possible. Look out for the recycling symbol for material category