

TECHNICAL DATA SHEET

NEXUS CORE



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.

SPECIFICATION

	Code	Style	Weight
Product Code	NCV-(*)	Wheel Ratchet Vented	386gm
Size	52 - 64cm (Premium 'Twist2Fit' Wheel Ratchet)		
Peak	Micro (20mm)		

* Insert colour code of helmet.



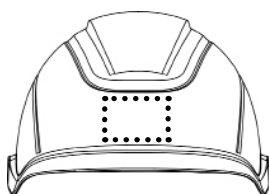
MATERIALS

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

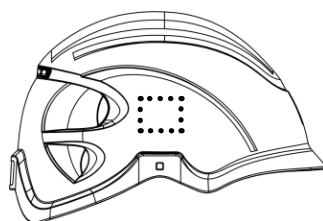
COLOURS

	White	Blue	Red	Yellow	Orange	Green	Grey	High-Vis Yellow	High-Vis Orange
Product Code	NCV-W	NCV-B	NCV-R	NCV-Y	NCV-O	NCV-G	NCV-GREY	NCV-HVY	NCV-HVO
Pantone	White	2768	2768	109	1505	343	7545	809	1655

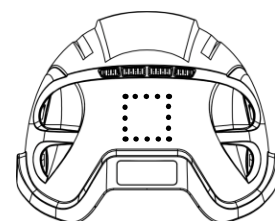
CORPORATE BADGING



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 Vented NCV(-)	✓	✓	✓			✓	✓	✓		✓	✓		✓		✓

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 Core 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. Approved to: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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
SecurePlus Chinstrap	S30LY 4-point quick release EN 397 black chinstrap to convert Core to SecurePlus (for non-vented shell only)
HeightMaster Chinstrap	S30NY replaceable 4 point adjustable EN 12492 Blue Chinstrap combines with the S30NL Liner to convert Core to HeightMaster (for vented shell only)
HeightMaster Liner	S30NL Liner combines with the S30NY Chinstrap to provide approval to EN 12492, converting Core to HeightMaster (for vented shell only)
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 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.
Cleaning	Clean using warm soapy water and soft cloth
Disposal	Recycling is preferred when possible. Look out for the recycling symbol for material category