

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

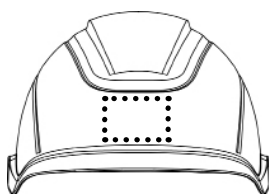
| | |
|---------------------|--|
| Shell | ABS (Acrylonitrile-Butadiene-Styrene) |
| Cradle | 6 Point Terylene webbing |
| Harness | LDPE (Low Density Polyethylene) |
| Sweatband | Dry-Tech (Polyester) |
| Wheel Ratchet | Acetal with HDPE Straps, Black Foam 3mm |
| EN 12492 Chin-strap | Printed Polyester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



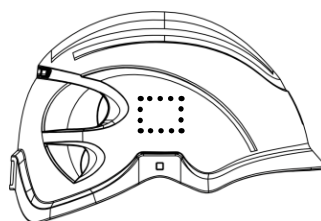
COLOURS

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

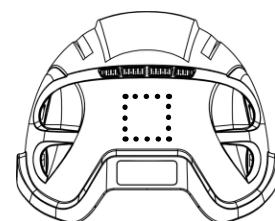
CORPORATE BADGING



| Front | |
|-------|------|
| ↔ | 75mm |
| ↑↓ | 40mm |



| Sides | |
|-------|------|
| ↔ | 50mm |
| ↑↓ | 40mm |



| Rear | |
|------|------|
| ↔ | 50mm |
| ↑↓ | 50mm |

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

| Product | EN 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 |