

# MSA Centurion® Nexus Climbing Helmet

Partnering for Your Protection



*Introducing comfort for work at height and rescue!*

WE KNOW WHAT'S AT STAKE.

*The Nexus series offers three different types of helmets:*



### Nexus Climbing Helmets

The HeightMaster and Linesman offer a lightweight, low-profile solution for impact protection with modern styling. Both models provide increased comfort with a Dry-Tech sweatband and include a 4-point adjustable chinstrap.

- Silver retro-reflective striping comes standard on both models for increased visibility for distances and in low-light applications
- Removeable and replaceable chinstrap for secure fit
- Replacement ratchet suspensions available
- Six standard colors

### HeightMaster

The HeightMaster Helmet is used for work-at-height and climbing applications and is vented to reduce heat stress.

- Non-contact foam liner provides shock and penetration protection according to EN 12492
- Fully removable and adjustable EN 12492 4-point chinstrap
- Type I, Class C, vented
- ANSI Z89.1-2014

• **Markets**

- Utilities
- Oil, gas, & petrochemical
- General industry

• **Applications**

- Tower climbing
- Fixed ladder climbing
- Work-at-heights



### Linesman

The Linesman Helmet is used for confined space entry and rescue applications.

- Fully removable and adjustable EN 397 4-point chinstrap
- Choice of Vented, Class C for maximum air circulation or Non-Vented, Class E for maximum dielectric protection
  - Type I, Class C, vented
  - Type I, Class E, non-vented
- ANSI Z89.1-2014
- CSA Z94.1-2015

• **Markets**

- Utilities
- Oil, gas, & petrochemical
- General industry

• **Applications**

- Confined space
- Rescue

## Standards

Standard	Aspect	Nexus HeightMaster	Nexus Linesman, Vented	Nexus Linesman, Non-Vented
ANSI/ISEA Z89.1-2014 TYPE 1	CLASS C (CONDUCTIVE 0 V AC)	■	■	
	CLASS E (20,000 V AC)			■
	-22° F (-30° C) (LOW TEMPERATURE)	■	■	
CSA/CAN Z94.1-15 TYPE 1	CLASS C (CONDUCTIVE 0 V AC)		■	
	CLASS E (20,000 V AC)			■
EN 12492:2012 MOUNTAINEERING STANDARD	—	■		
EN 397:2012 + A1:2012 CONFORMS TO SHOCK AND PENETRATION TESTS	LATERAL DEFORMATION (LD)	■	■	■
	-22° F (-30° C) (LOW TEMPERATURE)	■	■	■
	MOLTEN METAL (MM)		■	■
	440 V AC (ELECTRICAL RESISTANCE)			■
OPTIONS OUTSIDE THE SCOPE OF EN 397	1000 V AC (ELECTRICAL RESISTANCE)			■
	-40° F (-40° C) (LOW TEMPERATURE)	■	■	■
CONFORMS TO EN 50365:2002 (1000V A.C.) FOR USE ON LOW VOLTAGE INSULATIONS	—	■	■	■
OPTIONS OUTSIDE SCOPE OF ANSI/ISEA	-40° F (-40° C) (LOW TEMPERATURE)	■	■	■
TESTED TO PERFORMANCE REQUIREMENTS OF AS/NZS 1801:1997 TYPE 1	—	■	■	■

### Maintenance (both models)

#### Storage

- Can be stored and transported in their original cartons at ambient temperature (+32° to +86° F [0° to +30° C])
- May be stored in the dark for up to 5 years
- Do not store in direct/high heat or sunlight as this may distort the shell

#### Lifetime

- The Nexus helmets have an in-use life up to five years
- Excessive wear and tear can considerably reduce the lifespan of the product

#### Cleaning

- Clean using warm soapy water and a soft cloth

#### Disposal

- Recycling is preferred when possible
- Helmet shell with chinstrap removed is #7 and is in the "other" category of most recycling programs
- Suspension is #4 with webbing and sweatband removed and can be added to most residential recycling programs with other household items like plastic bottles

### Materials (both models)

**Shell** ABS (Acrylonitrile-Butadiene-Styrene)

**Suspension** 6-point terylene webbing

**Headband** LDPE (Low Density Polyethylene)

**Sweatband** Dry-Tech (Polyester)

**Ratchet** Acetal with HDPE straps, black foam 0.1 in. (3 mm)

**Chinstraps** Polyester with acetal clips

## Ordering Information

Nexus HeightMaster						
						
<b>COLOR</b>	White	Blue	Green	Yellow	Red	Hi-Viz Yellow
<b>PART NUMBER</b>	10186489	10186490	10186491	10186492	10186493	10186494
Nexus Linesman, Vented						
						
<b>COLOR</b>	White	Blue	Green	Yellow	Red	Hi-Viz Yellow
<b>PART NUMBER</b>	10186483	10186484	10186485	10186486	10186487	10186488
Nexus Linesman, Non-Vented						
						
<b>COLOR</b>	White	Blue	Green	Yellow	Red	Hi-Viz Yellow
<b>PART NUMBER</b>	10186477	10186478	10186479	10186480	10186481	10186482

## Replacement Parts

Part Number	Description
10186496	Chinstrap, Nexus HeightMaster
10186495	Chinstrap, Nexus Linesman
10186497	Suspension, Nexus HeightMaster & Linesman Models



**Customize your helmet  
with your company's logo!**

Available for both Heightmaster and Linesman Climbing Helmets.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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