



TECHNICAL DATA SHEET

NEXUS EXTREME MIPS



VIZLITE DT HELMET STICKERS ARE NOT INCLUDED

NEXUS EXTREME MIPS

Introducing the **WORLD'S FIRST** Safety Helmet with the Mips Cradle. The Nexus Extreme Mips combines a low friction layer that allows the head to move inside the helmet (10mm – 15mm relative motion in all directions) which can redirect the harmful rotational motion otherwise transferred to the head.

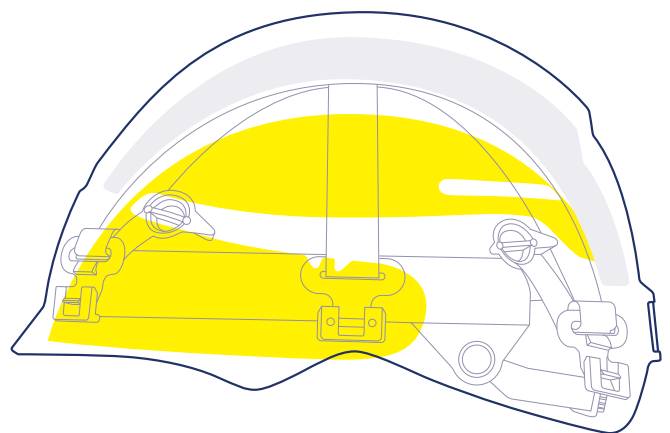
FEATURES AND BENEFITS

- World's First Safety Helmet with the Mips Cradle.
- Exceeding standards and transferring less shock for improved impact and penetration protection.
- Premium Grade ABS provides high performance and optimal strength to weight ratio for the ultimate wearer protection.
- Optimised Micro Peak for maximum upward visibility.
- EN12492 Chinstrap for the ultimate retention on the ground and at height.
- Premium "Twist 2 Fit" wheel ratchet for improved head and nape protection.
- Our new Active Comfort sweatband is not only 4x thicker but has increased surface area making it perfect for all and everyday wear.
- Full system compatibility with a range of certified accessories for different tasks.



MARKETS

- Construction and Buildings. Civil Engineering.
- Utilities Maintenance, Sustainable Energy Oil, Gas and Mining
- Logistics and Transportation
- Automotive and Aerospace
- Engineering
- Chemicals, Pharmaceutical
- FMCG, Food and Drink, Pulp + Paper, Packaging, Recycling, Agriculture
- Petroleum



SPECIFICATION











Helmet Specification	Option	Weight
	Ratchet Vented Only	553g
Size	53 - 63cm	
Peak	Micro (20mm)	
Packaging	1 unit per box. Box size 28 x 22 x 50cm, Box Weight 723g	

MATERIALS

Shell	ABS (Acrylonitrile-Butadiene-Styrene)
Cradle	6 Point Terylene webbing
Headband	LDPE (Low Density Polyethylene)
Sweatband	Active Comfort (Micax)
Wheel Ratchet	Acetal with HDPE Straps, Black Foam 3mm
EN 12492 Chinstrap	Polyester webbing and Acetal Quick Release Buckle, Side Adjusters and Rear Divider
HeightMaster Liner	EPS (Expanded Polystyrene)
Headband adaptor	Polypropylene (PP)
Mips Low Frictional Layer	Polymer blend, predominantly Polyketone





COLOURS

With a wide range of helmet colours, we can help you to reduce on-site dangers and increase wearer safety through the identification of roles, experience and qualifications.

Colour and Product Code										
	9946541	9946542	9946544	9946545	9946549	9946547	9946548	9946546	9946550	9946543
RAL	9010	9005	3031	2003	5026	1018	1026	2005	5005	6036
Pantone	White	Black	1807	1505	2768	109	809	1655	2935	343

CORPORATE BADGING

Add your logo to help convey brand and safety messages.

				
Width	75mm	50mm	50mm	50mm
Height	40mm	40mm	40mm	50mm

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Nexus Extreme Mips	EN 12492:2012 Mountaineering Standard		EN 397:2012 + A1:2012 Conforms to shock and penetration tests				Options outside the scope of EN 397		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)	Conforms to EN 50365:2002 (1000V a.c.) For use on low voltage insulations	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	-30°C (Low Temperature)	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)		

Care and Maintenance

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 as this may distort the shell.

Lifetime:

The Centurion helmet has an in-use life of up to 5 years.
Excessive wear and tear can considerably reduce the lifespan of the product.

Cleaning:

Clean using warm soapy water and soft cloth.

Disposal:

Recycling is preferred when possible. Look out for the recycling symbol for material category.



Accessories

Face	Classic and Contour range of Face Protection (Carriers and Face Screens)
Eye	Clear or Smoke Grey moulded Polycarbonate Eye Shield with anti-scratch/fog coating
Ear	Scala Ear Defenders
Lighting and Visibility	High Intensity Reflective Stickers and Vizlite DT Helmet Stickers
Chinstrap	Replaceable 4 point adjustable EN 12492 Grey Chinstrap
HeightMaster Liner	Replaceable Liner

Product Codes and Bar Codes

Product code	Description	Case Bar code	Unit bar code
9946541	Nexus Extreme Mips White Wheel Ratchet Vented	05056375419058	05056375419065
9946542	Nexus Extreme Mips Black Wheel Ratchet Vented	05056375419072	05056375419089
9946544	Nexus Extreme Mips Red Wheel Ratchet Vented	05056375419096	05056375419102
9946545	Nexus Extreme Mips Orange Wheel Ratchet Vented	05056375419119	05056375419126
9946549	Nexus Extreme Mips Blue Wheel Ratchet Vented	05056375419133	05056375419140
9946547	Nexus Extreme Mips Yellow Wheel Ratchet Vented	05056375419157	05056375419164
9946548	Nexus Extreme Mips Bright Yellow Wheel Ratchet Vented	05056375419171	05056375419188
9946546	Nexus Extreme Mips Bright Orange Wheel Ratchet Vented	05056375419195	05056375419201
9946550	Nexus Extreme Mips Light Blue Wheel Ratchet Vented	05056375419218	05056375419225
9946543	Nexus Extreme Mips Green Wheel Ratchet Vented	05056375419232	05056375419249



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