

3M™ Ballistic Helmets: November (N) Series

3M™ Ultra Light Weight Ballistic Bump Helmet N49

The N49 helmet is the first multi-use helmet for bump and ballistic operational requirements. It is engineered to provide outstanding head protection – while reducing weight for improved comfort and mobility.

At just over one pound (shell weight, size L), the N49 is the lightest helmet to provide ballistic fragmentation and blunt impact protection.

Product Highlights

- Advanced materials and unique processing technology provide ballistic, fragmentation and blunt impact protection at a significantly lower weight
- Finished shell weight (size large) at only 575 grams (1.27 lbs)
- No thru-hole design for mounting the rails and retention system, which reduces weight and eliminates the risk of bolts becoming secondary projectiles
- Shell is manufactured with advanced Ultra-High Molecular Weight Polyethylene (UHMWPE)
- Accommodates the use of common industry accessories such as headsets, goggles and respirators



Ballistic Performance

Provides the following fragmentation protection when tested in accordance to STANAG 2920.*

- **17 grain .22 caliber FSP with V50 value >2,200 ft/sec (>670 m/sec)**

Tested in accordance to NIJ Standard 0106.01 for Ballistic Helmets to the following ballistic resistance.*

Level IIIA Helmet to NIJ 0108.01 IIIA Ballistic Threats

- 9 mm FMJ - 124 gr – 1400-1450 ft/sec (430 m/sec) (VØ)
- .44 Magnum - 240 gr – 1400-1450 ft/sec (430 m/sec) (VØ)

Meets ACH Blunt Impact Protection

Tested and evaluated with D3O® Trust Pad System to DOT&E protocol in accordance with AR/PD 10-02,** AR/PD 14-01 and GL/PD 09-04.

*Testing performed at NIJ accredited laboratory

**AR/PD 10-02 (Latest version)

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Standard Configuration

Includes retention and suspension system, rails, NVG shroud, bungee cords

Retention Systems

- X-Back or Dial Retention System
- Custom and secure no thru-hole attachment

Suspension Systems

- D3O® TRUST Helmet Pad Systems
- Provides excellent blunt impact protection and comfort

NVG Shroud

- Three hole

Accessory Rails

- Dovetail rails accept common industry accessories
- Innovative no thru-hole attachment

Other Accessories

- Hook and Loop, Picatinny Adaptor, Counterweight



Finished Shell Weight (includes paint and trim)

Size	Weight
M	~1.20 lbs (0.54 kgs)
L	~1.27 lbs (0.57 kgs)
XL	~1.39 lbs (0.63 kgs)

Available Colors:



⚠ WARNING

3M ballistic helmet products are for occupational use only. Only qualified and trained operators should use these helmets. Many factors uniquely within the user's knowledge and control can affect the use and performance of the helmet. The user is solely responsible for evaluating the helmet and determining whether the helmet is suitable for user's intended conditions of use. Misuse or failure to follow warnings and user instructions may result in serious personal injury or death.

Manufactured by Ceradyne Inc., a 3M company.

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