



GROUP

AN ISO 9001:2008 COMPANY

# CaraHELM

# CARAPACE

## SM-PASGT

PASGT, a name which reckons with the US Military shape for Helmets is become a standard requirement for soldiers worldwide. Having supplied large quantities to National and International forces, SM has not only mastered the protection provided but also introduced added ergonomic features enhancing comfort and wearability of the helmet. Proprietary harness and padding system deliver unmatched fitment and anti-trauma performance.



## Key Attributes

- Made of advanced Aramid/PE composite materials.
- Ideal mass distribution minimizes lag during head movement.
- Designed for better ventilation and better ballistic protection.
- Specialized polyurethane paint coatings for improved aesthetics.
- Advanced Anti-trauma system available for much reduced trauma levels.
- Suitable for use in extreme environments.
- Add-on coatings available for sea/marine use, IR protection etc.

Size : S, M, L, XL

Weight : 1.20 Kg to 1.65 Kg  
2.65 lbs to 3.64 lbs

### ACCESSORIES (OPTIONAL)



Ballistic / Anti-riot Visor



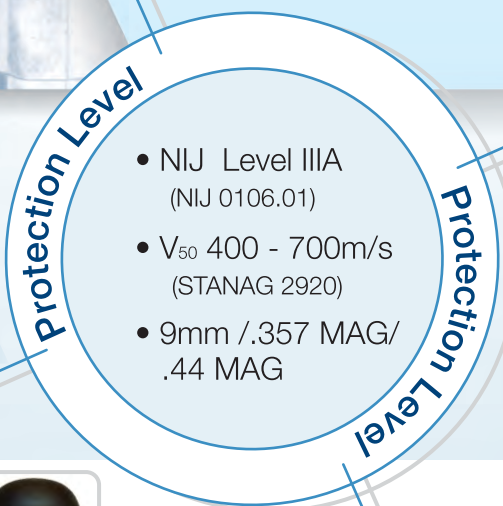
Carry Bag



Cloth Cover



Ballistic / Anti-riot Neck Pad



### AVAILABLE COLOURS

Black ☐ Sand ☐ UN Blue ☐ Olive Drab ☐  
 Olive Green ☐ Navy Blue ☐ Camouflage ☐

(and other colors as per customer requirement)

**SM Carapace Armor**

SM House, Building No. 9, Panchsheel Community Centre, New Delhi-110017  
 PH: +91-11-26495075 FAX: +91-11-26262129 E-MAIL: [contact@smgroupindia.com](mailto:contact@smgroupindia.com)  
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### SM-TCH

SM-TC Helmet is an advanced helmet for the use of armoured vehicle operators. SM-Tankcrew helmet has the ability to interface with tactical communication devices such as headsets and microphones utilized by special operations forces.



## Key Attributes

- Designed to protect against the bumps and the grinds within the tank.
- Superior ballistic, fragmentation and impact protection with reduced head borne weight.
- It can be worn for longer duration without experiencing fatigue.
- Reduce profile optimizes peripheral vision and sensory awareness, not leaving the operator disadvantaged in hostile environments.
- Ability to interface with tactical communication devices such as headsets and microphones utilized by special operations forces.
- Compatible with various add-on devices like headsets, earmuffs, radio equipments etc.

Size : S, M, L, XL

Weight : 0.90 Kg to 1.30 Kg  
1.98 lbs to 2.86 lbs

Protection Level

- NIJ Level IIIA (NIJ 0106.01)
- V<sub>50</sub> 400 - 700m/s (STANAG 2920)
- 9mm /.357 MAG/.44 MAG

Protection Level

### ACCESSORIES (OPTIONAL)



Ballistic / Anti-riot Visor



Carry Bag



Cloth Cover



Ballistic / Anti-riot Neck Pad

### AVAILABLE COLOURS

Black ☐ Sand ☐ UN Blue ☐ Olive Drab ☐  
 Olive Green ☐ Navy Blue ☐ Camouflage ☐

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### SM-ACH

SM-ACH Helmet is based on the design of new generation Advanced Combat Helmet. ACH (Advanced Combat Helmets) are becoming more popular than PASGT Helmets worldwide, due to better design and compatibility with various modern day accessories, like NVD, NVG, communication equipments etc.



## Key Attributes

- Provides advanced ballistic, fragmentation, and impact head protection, with unsurpassed comfort for long-term use.
- Improve the field of vision and hearing, leading to better situational awareness.
- Low-profile design to reduce risk of interference in target acquisition.
- Offers improved stability and comfort to the wearer.
- Compatibility with NVDs, NVGs, CBRN Gas Masks & communication devices.

Size : S, M, L, XL

Weight : 1.0 Kg to 1.55 Kg  
2.21 lbs to 3.42 lbs

Protection Level

- NIJ Level IIIA (NIJ 0106.01)
- V<sub>50</sub> 400 - 700m/s (STANAG 2920)
- 9mm /.357 MAG/.44 MAG

Protection Level

### ACCESSORIES (OPTIONAL)



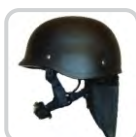
Ballistic / Anti-riot Visor



Carry Bag



Cloth Cover



Ballistic / Anti-riot Neck Pad

### AVAILABLE COLOURS

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(and other colors as per customer requirement)

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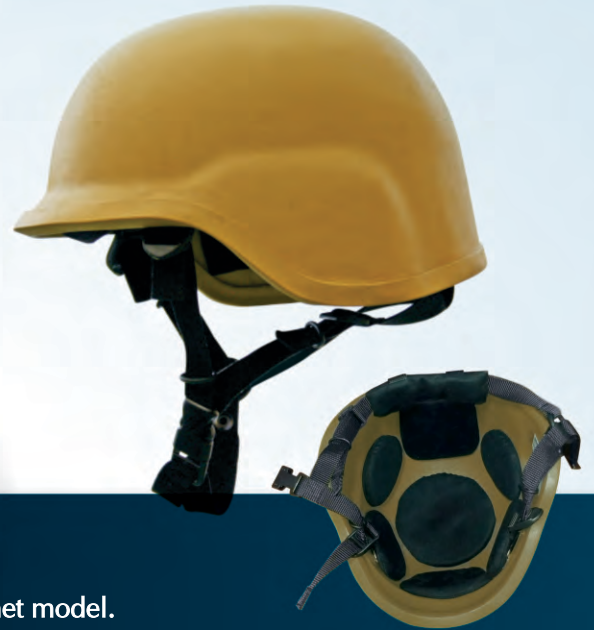
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## CaraHELM

### SM-Boltfree Helmet

Extra-Safe, a feature offered by the innovative harness system allows any style of our helmets to be fitted with a shell without any metallic fasteners like bolts, rivets, etc. which are known to cause fatality in freak incidents. It is a so called "bolt less" design where the shell has no holes. This can be made in all shapes like PASGT



### Key Attributes

- Possible to integrate with any Helmet model.
- Removes any possibility of secondary fragmentation caused by a strike on the external bolt, a freak incident but known to cause fatality.
- No use of any metallic fasteners.
- The ballistic performance is improved by maintaining the uninterrupted shell of the helmet. There is no weak point through which a projectile may 'slip'.
- The mounting system is positioned so as not to interfere with the harnesses anti trauma capabilities.
- Enhanced wearing comfort.

Size : S, M, L, XL

Weight : 1.00 Kg to 1.50 Kg  
2.21 lbs to 3.31 lbs

Protection Level

- NIJ Level IIIA (NIJ 0106.01)
- V<sub>50</sub> 400 - 700m/s (STANAG 2920)
- 9mm /.357 MAG/.44 MAG

Protection Level

#### ACCESSORIES (OPTIONAL)



Ballistic / Anti-riot Visor



Carry Bag



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#### AVAILABLE COLOURS

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