

BCS

BALLISTIC PRODUCTS



HELMETS



SHIELDS



VESTS

Bore Cleaning Systems
Tel: +44 7464 727015

Email: info@borecleaningsystems.com - Web: <https://borecleaningsystems.com>

BCS-BHF (FAST HELMET)

The Future Assault Shell Technology (FAST) Helmet, also known as the FAST helmet, is a combat helmet that is used by special forces units seeking to use an alternative headgear while trading some ballistic protection for comfortable headwear to use.

★ STANDARD

- Material: Kevlar/UHMWPE
- BFD / Trauma: Less than 16mm
- Fragmentation: STANAG 2920 V50: 650m/s
- Protection level: NIJ 0106.01 NIJ IIIA 9mm & .44 mag

★ SPECIFICATIONS

FAST HELMET SIZE	S	M	L
Head Cir. (cm)	54-55	56-57	58-59
Kevlar Weight(kg)	1.40+/- 0.05kg	1.55+/- 0.05kg	1.60+/- 0.05kg
PE Weight(kg)	1.30+/- 0.05kg	1.45+/- 0.05kg	1.50+/- 0.05kg

★ OEM SERVICE

(We accept custom service for color, private logo and helmet cover with various pattern and color.)

/ ACCESSORIES



// COLOR



/// HELMET COVER



★ SUSPENSION SYSTEM



①

Dial Type Suspension System

- ▶ Excellent stable and Collision-proof capability
- ▶ Adjust the head circumference with boa system



②

Team wendy suspension system

- ▶ Utilize cam-lock sliders for one-handed adjustment and secure fit
- ▶ Stabilize the helmet by distributing pressure evenly around the head

BCS-BHF-001



BCS-BHF-002



REAR VIEW

SIDE VIEW



BCS-BHF-003



REAR VIEW

SIDE VIEW



BCS-BHF-004



KHAKI

BLACK



HELMET ACCESSORIES

- NON BALLISTIC IMPACT VISOR(ANTI-RIOT FACE SHIELD)
- FRAGMENTATION VISOR
- NIJ IIIA BALLISTIC VISOR(9MM/44 MAG)
- CAMOUFLAGE COVER
- HELMET HOOK AND LOOP KIT
- HELMET COUNTER WEIGHT KIT
- VISOR PROTECTIVE COVER
- SIDE-RAIL ADAPTER
- VISOR ATTACHMENT MOUNT
- PICATINNY RAIL ACCESSORY ADAPTERS

BCS-BHM (MICH HELMET)

MICH (Modular Integrated Communications Helmet), as a replacement for the Pasgt Helmet, was developed by the United States Army Soldier Systems Center to be the next generation of protective combat helmets for use by the U.S. Army.

★ STANDARD

- Material: Kevlar/UHMWPE
- BFD / Trauma: Less than 16mm
- Fragmentation: STANAG 2920 V50: 650m/s
- Protection level: NIJ 0106.01 NIJ IIIA 9mm & .44 mag

★ SPECIFICATIONS

FAST HELMET SIZE	S	M	L
Head Cir. (cm)	54-55	56-57	58-59
Kevlar Weight(kg)	1.35+/- 0.05kg	1.45+/- 0.05kg	1.50+/- 0.05kg
PE Weight(kg)	1.30+/- 0.05kg	1.40+/- 0.05kg	1.45+/- 0.05kg

★ OEM SERVICE

(We accept custom service for color, private logo and helmet cover with various pattern and color.)

/ ACCESSORIES



// COLOR



/// HELMET COVER



★ SUSPENSION SYSTEM



7 Pads Suspension System

- ▶ Unique shock absorbent modular pad suspension
- ▶ Combination of rectangle, oblong & round pads provide extra comfort & stability



Team Wendy suspension system

- ▶ Utilize cam-lock sliders for one-handed adjustment and secure fit
- ▶ Stabilize the helmet by distributing pressure evenly around the head

BCS-BHM-001



BCS-BHM-002



BCS-BHM-003



BCS-BHM-004



BCS-BHM-005



BCS-BHM-006



BCS-BHM-007

HELMET ACCESSORIES

- NON BALLISTIC IMPACT VISOR(ANTI-RIOT FACE SHIELD)
- FRAGMENTATION VISOR
- NIJ IIIA BALLISTIC VISOR(9MM/44 MAG)
- CAMOUFLAGE COVER
- HELMET HOOK AND LOOP KIT
- HELMET COUNTER WEIGHT KIT
- VISOR PROTECTIVE COVER
- SIDE-RAIL ADAPTER
- VISOR ATTACHMENT MOUNT
- PICATINNY RAIL ACCESSORY ADAPTERS



BCS-BHM-008



BCS-BHM-009

BCS-BHP (PASGT HELMET)

PASGT stands for Personnel Armor System for Ground Troops and is pronounced "pass-get." These helmets were standard issue for the US military from the early '80s to mid-2000s.

★ STANDARD

- Material: Kevlar/UHMWPE
- BFD / Trauma: Less than 16mm
- Fragmentation: STANAG 2920 V50: 650m/s
- Protection level: NIJ 0106.01 NIJ IIIA 9mm & .44 mag

★ SPECIFICATIONS

PASGT HELMET SIZE	S	M	L
Head Cir. (cm)	54-55	56-57	58-59
Kevlar Weight(kg)	1.33+/- 0.05kg	1.43+/- 0.05kg	1.53+/- 0.05kg
PE Weight(kg)	1.25+/- 0.05kg	1.35+/- 0.05kg	1.45+/- 0.05kg

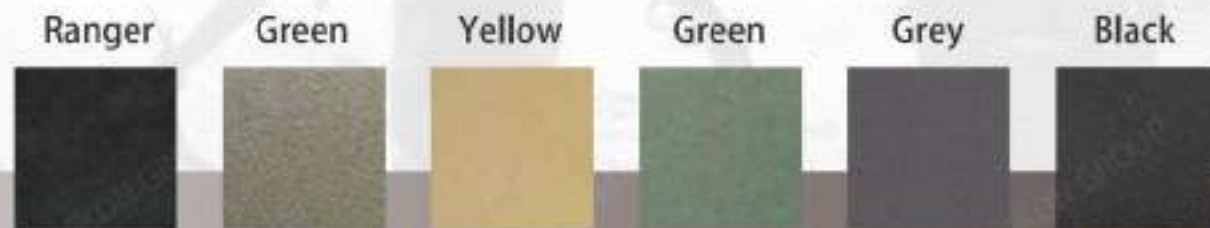
★ OEM SERVICE

(We accept custom service for color, private logo and helmet cover with various pattern and color.)

/ PRIVATE LOGO



// COLOR



/// HELMET COVER



★ SUSPENSION SYSTEM



①

4 Point Suspension System

- ▶ Flexible chin cup for a snug fit
- ▶ Comfortable & easy to replace harness system with high shock absorption properties



②

7 Pads Suspension System

- ▶ Unique shock absorbent modular pad suspension
- ▶ Combination of rectangle, oblong & round pads provide extra comfort & stability



③

Team Wendy Suspension System

- ▶ Utilize cam-lock sliders for one-handed adjustment and secure fit
- ▶ Stabilize the helmet by distributing pressure evenly around the head

BCS-BHP-001



BCS-BHP-002



BCS-BHP-003



BCS-BHP-004



BCS-BHP-005



BCS-BHP-006



BCS-BHP-007

HELMET ACCESSORIES

- NON BALLISTIC IMPACT VISOR(ANTI-RIOT FACE SHIELD)
- FRAGMENTATION VISOR
- NIJ IIIA BALLISTIC VISOR(9MM/44 MAG)
- CAMOUFLAGE COVER
- VISOR PROTECTIVE COVER
- VISOR ATTACHMENT MOUNT
- PROPRIETARY QUICK RELEASE HARNESS DETACHMENT SYSTEM
- VARIOUS SIZE FOR CHOOSING
- FULLY ADJUSTABLE HELMET



BCS-BHP-008



BCS-BHP-009



BCS-BHP-010



BCS-BHP-011



REAR VIEW

SIDE VIEW



BCS-BHP-012



REAR VIEW

SIDE VIEW



BCS-BHP-013



REAR VIEW

SIDE VIEW



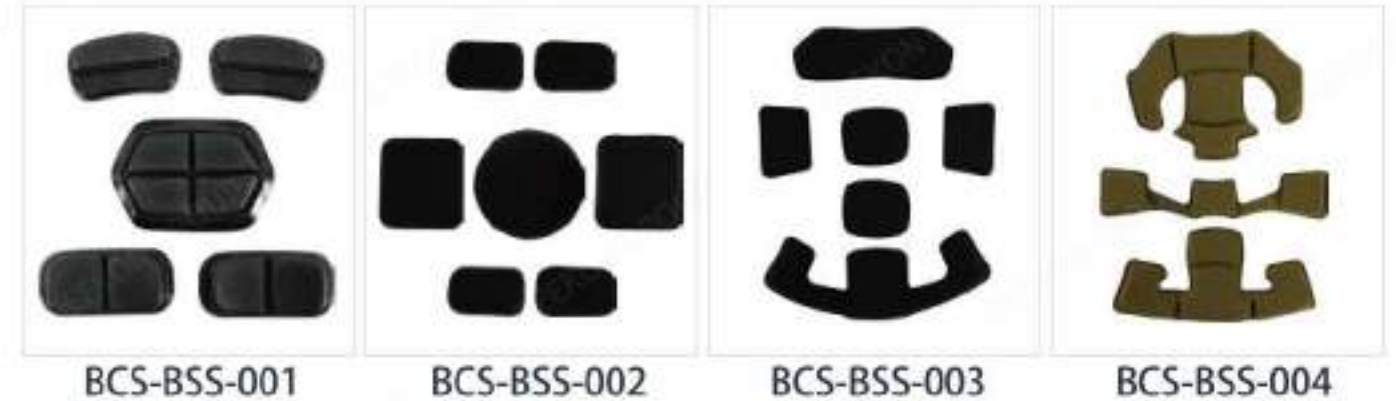
BCS-BHP-014



BCS-BHP-015

BCS-BSS

CROWN PAD, FRONT/BACK PADS,
SIDE PADS, 4 PT. RETENTION SYSTEM WITH CHIN STRAP



FMA MICH HELMET HANGING SYSTEM ACH RETENTION STRAP SUSPENSION SYSTEM H-NAPE MATERIAL: HIGH QUALITY NYLON. WEIGHT: 90G COMPATIBLE WITH: MICH HELMET. COLOR: BLACK, DARK EARTH PACKAGE:MICH HELMET RETENTION SYSTEM H-NAPE SET * 1 (NOT INCLUDE HELMET) SPECIAL NYLON DESIGN WITH AIR PERMEABILITY AND DURABILITY. DEVELOPED TO IMPROVE SAFETY, COMFORT AND STABILITY OF CHINSTRAPS USED IN MICH/ACH HELMETS.



EVERY COMPONENT, DOWN TO EACH STITCH PATTERN, WAS DESIGNED SPECIFICALLY FOR THIS PURPOSE, GIVING THE ACH GREATER UTILITY THAN EVER BEFORE. CUSTOM ADJUSTMENT TABS ALLOW THE HELMET TO BE ADJUSTED WHILE WEARING IT, WITHOUT ANY HANGING LOOSE ENDS. PADDED PROTECTIVE LEATHER CHIN CUP AND NAPE PAD. SIMPLIFIED STRAP GEOMETRY MAKES THE SYSTEM 3X MORE STABLE THAN EXISTING CHINSTRAPS.



FAST HELMET HANGING SYSTEM

- ADJUSTABLE SUSPENSION MAIN BODY PART X 1
- THE FOREHEAD PROTECTOR X 1
- STRENGTHENED REAR PROTECTION FOAMING EVA X 1
- THE OVERHEAD BUFFER EVA X 2
- SIDE SUPPORT BUFFER EVA X 2
- 4 POINTS SLING X 1
- SCREWS AND SCREWS X 4 SETS



▼ BULLETPROOF HELMET WITHOUT PAINTING



BULLETPROOF HELMET WITHOUT PAINTING



BCS-BHWP-001 BCS-BHWP-002 BCS-BHWP-003 BCS-BHWP-004 BCS-BHWP-005

BULLETPROOF STEEL



Bulletproof steel is the first material used to make bulletproof helmets. It's harder and stronger than ordinary steel, and much cheaper than Kevlar and PE, but much weaker than Kevlar and PE in bulletproof capability. In addition, a bulletproof steel helmet is usually heavy and uncomfortable to wear.

Therefore, when buying a bulletproof helmet, we should make a right choice on material according to the use situation and the actual needs.

MATERIAL

With the rapid development of material science from the late 20th century to the 21st century, a variety of materials for making helmets have been developed. As these materials all have their own unique characteristics, helmets made of different material require different environmental conditions during their use and preservation, which should be taken into consideration when choosing helmets.

Now, there are mainly three materials for making helmets, PE, Kevlar, and bulletproof steel.

KEVLAR



Aramid, also known as Kevlar was born in the late 1960s. It is a new high-tech synthetic fiber with strong high-temperature resistance, great anticorrosion, light weight and great strength. Thus Kevlar helmet is the mainstream equipment in the US Army and European army.

However, Kevlar helmet also have shortcomings: vulnerable to ultraviolet light and easy to hydrolyze. It's not suitable to use or store in the environment with strong ultraviolet light and high humidity for a long time. Besides, the increase of the usage of Kevlar has pushed up the price of Kevlar's raw materials and then the price of Kevlar helmets.

PE



PE here refers to UHMW-PE, the abbreviation of ultra-high molecular weight polyethylene. It is a high-performance organic fiber developed in the early 80s of last century. It has great ultra-high stability, low temperature resistance, and water resistance, which makes the maintenance of PE bullet-proof products more convenient; but it also

has some a few drawbacks. For example, it is vulnerable to high temperature, and doesn't resist creep as well as Kevlar. Due to its poor creep resistance, it cannot be used under high pressure for a long time. But compared with Kevlar helmet, it is lighter in weight and much cheaper.



BULLTPROOF/ANTI-RIOT VISOR

▼ **BULLETPROOF VISOR**



BCS-BV-001

★ **STANDARD**

> **SIZE:**

148*360MM

> **THICKNESS:**

21MM

> **WEIGHT:**

1.32KG

> **PROTECTION LEVEL:**

NIJ IIIA, 9MM

> **ENTIRE FACIAL BALLISTIC PROTECTION FROM HELMET RIM TO BELOW CHIN**

- FACE SHIELD WITH THREE POSITIONS: 0, 45, AND 90°
- MULTIPLE HIT RESISTANT
- FRAGMENTATION PROTECTION
- HIGH LIGHT TRANSMISSION
- MINIMAL DISTORTION
- RETROFITS ONTO COMBAT (ACH) STYLE HELMETS





BCS-BV-002

★ STANDARD

>SIZE:
140*350MM

>THICKNESS:
22MM

>WEIGHT:
1.5KG

>PROTECTION LEVEL:
NIJ IIIA, 9MM

>ENTIRE FACIAL BALLISTIC PROTECTION FROM HELMET RIM TO BELOW CHIN

- FACE SHIELD WITH THREE POSITIONS: 0, 45, AND 90°
- MULTIPLE HIT RESISTANT
- FRAGMENTATION PROTECTION
- HIGH LIGHT TRANSMISSION
- MINIMAL DISTORTION
- RETROFITS ONTO PASGT STYLE HELMETS



BCS-BV-003 (ANTI-RIOT)

★ STANDARD

>SIZE:
200*350MM

>THICKNESS:
6MM

>WEIGHT:
0.8KG

>MATERIAL:
TRANSPARENT POLYCARBONATE

>USAGE:

ANTI RIOT VISOR IS DESIGNED TO PROTECT FROM MECHANICAL IMPACT, FRAGMENTATION AND RIOT CONTROL HAZARDS. IT IS SAFETY EQUIPMENT WHICH IS MAINLY USED TO PROTECT HEAD AND FACE FROM ATTACK OR OTHER POTENTIAL THREAT.

