



VIPER 3 SHC



VIPER 3



VIPER 2



VIPER 1 (ACH)

VIPER

SIDE RAILS
NVG SHROUD BASE
RATCHET DIAL SYSTEM (RD)

RAIL FITTINGS



Picatinny rails, General Purpose Mounts and Goggle Mounting Clips

The VIPER series of Zebra Armour helmet is the latest version of the ACH (Advanced Combat Helmet) with the ability to take Side Rails and NVG Shrouds. This latest version is fitted with a 7-pad suspension system and our RD (Ratchet Dial) 4 point quick adjust harness.

The RD (Ratchet Dial) system hugely improves the rotational stability of the helmet onto the head, which is important for mounted NVG's. The operator can easily adjust the tension of the anti rotation wires by means of a dial which controls the circumferential straps of the harness from the back of the head.

QA Harness: The VIPER helmets have four quick adjust buckles that make the strap tensions on the helmet easy to adjust for the wearer while the helmet is on the head. The NVG shroud is manufactured from high impact composite nylon with aircraft aluminum CNC machined insert that the NVG bracket mounts onto. This insures very tight dimensional tolerances, which stabilize the NVG mount.

The rails are designed and manufactured from high impact composite nylon and come with two Picatinny rails, two general-purpose rails and two goggle clips. In addition the rails can take a large variety of other accessories such as visor mounts. This helmet is very popular with Special Forces and Militaries and Police Forces / Law Enforcement Units due to its unusually advanced comfort and exibility in extreme conditions.

All products are manufactured in our own factory in Durban / South Africa with ISO9001:2015 Quality Assurance.



VIPER Helmet sizing (cm)

Small	Medium	Large	X-large
51-55cm	54-59cm	57-62mm	60-64mm



Ratchet Dial
(RD)System

Ballistic Performance

Helmet Ballistic Level	NIJ Level	Frag. Velocity (17g) FSP V50 m/s.	ft/s	Bullets	Weight (Grains)	Max Bullet Velocity m/s	ft/s
L4	IIA	520	1705	9mm FMJ RN .40 S & W 9mm CMJ RN	124 180 124	355 325 436	1165 1065 1430
L5	II	550	1804	9mm FMJ RN .357 Magnum JSP Plus all above bullets	124 158	400 436	1310 1430
L6	IIIA	580	1902	9mm FMJ RN .44 Magnum SJHP Plus all above bullets	124 240	436 436	1430 1430
U6	IIIA	600	1968	9mm FMJ RN .44 Magnum SJHP Plus all above bullets	124 240	436 436	1430 1430
M6	IIIA NIJ 0106.01	620	2034	9mm FMJ RN .44 Magnum SJHP Plus all above bullets	124 240	436 436	1430 1430
E6	IIIA NIJ 0106.01	630	2067	9mm GECO .44 Magnum SWC-GC .357 Magnum JSP Rem Plus all above bullets	123 240 158	410 441 440	1345 1450 1445
F6	IIIA NIJ 0106.01	680	2230	.44 Magnum SWC-GC .357 SIG FMJ FN 7.62 x 25 Tokarev lead 9mm FMJ Rem* .357 GECO MP Plus all above	240 125 85 124 158	441 448 450 441 390	1450 1470 555 1450 1280
F7	IIIA NIJ 0106.01	735	2410	.44 Magnum SWC-GC .357 SIG FMJ FN 7.62 x 25 Tokarev lead 9mm FMJ Rem* .357 GECO MP Plus all above			

Fragment V50 Velocities

BALLISTIC LEVEL	Fragment Threats MIL STD 662	Zebra Armour F7 Ballistic limit Ft/sec	Required Ballistic Limit as per standard Ft/sec
F7	2-grains RCC 4-grains RCC 16-grains RCC 64-grains RCC	4550 3475 2550 1900	4200 3475 2475 1775



PASGT Helmet (US Personal Armour System Ground Troops protection services) uses our advanced plant and processing techniques to provide enhanced shell protection at a lower weight and improved comfort.

Zebra's PASGT uses a 5-point harness system instead of the 8-point in the standard US version giving improved comfort, balance and reduced fatigue. A 4-point harness system is also available.

The PASGT is also available as a bolt free helmet with a 7-pad suspension system that features no metal fittings

OPTIONS

- Neck protection, NIJ Level IIIA
- Visors (Fragmentation & Ballistic)
- ZCP1 Helmet plate, protection against AK47, 7.62 x 39 MSC
- Helmet bag, Visor covers and helmet covers
- Available colours: Black, Navy, Olive Drab, Desert Tan, UN Blue and white

PASGT



The Combat MKII Helmet is a modified version of the very popular PASGT Helmet with a more compact profile giving a lighter helmet that still offers the same excellent level of Ballistic performance.

A 5-Point Harness comes standard on the Combat MKII Helmet, it offers high Ventilation levels with comfort and balance.

OPTIONS

- Neck protection, NIJ Level IIIA
- Visors (Fragmentation & Ballistic)
- ZCP1 Helmet plate, protection against AK47, 7.62 x 39 MSC
- Helmet bag, Visor covers and helmet covers
- Available colours: Black, Navy, Olive Drab, Desert Tan, UN Blue and white

COMBAT MKII



The Advanced Combat Helmet is very popular due to its lighter and more compact size. This helmet is very popular with Special Forces, Militaries and Police Forces/Law Enforcement units due to its extreme comfort and higher flexibility in extreme conditions.

Zebra's ACH uses a 4-point harness system, Our harnesses use real leather for the brow band and head pads, high quality 100% cotton webbings for the chinstraps and polyester and nylon webbings for the headbands. Net-mesh crowns are optional on all harnesses.

OPTIONS

- Neck protection, NIJ Level IIIA
- Visors (Fragmentation & Ballistic)
- ZCP1 Helmet plate, protection against AK47, 7.62 x 39 MSC
- Helmet bag, Visor covers and helmet covers
- Available colours: Black, Navy, Olive Drab, Desert Tan, UN Blue and white

ACH



The Crewman Helmet is used by Military and Special Tactical Units.

The Helmet is Based on the PASGT and has been designed to be ultra light weight, it is compatible with night vision and communication equipment.

OPTIONS

- Neck protection, NIJ Level IIIA
- Visors (Fragmentation & Ballistic)
- ZCP1 Helmet plate, protection against AK47, 7.62 x 39 MSC
- Helmet bag, Visor covers and helmet covers
- Available colours: Black, Navy, Olive Drab, Desert Tan, UN Blue and white



CREWMAN

The Bolt Free PASGT Helmet (US Personal Armour System Ground Troops protection system) uses our advanced plant and processing techniques to provide enhanced shell protection at lower weight and with improved comfort.

We use a 5-point harness system instead of 8-point in the standard US version with improved comfort, balance and reduced fatigue.

OPTIONS

- Neck protection, NIJ Level IIIA
- Visors (Fragmentation & Ballistic)
- ZCP1 Helmet plate, protection against AK47, 7.62 x 39 MSC
- Helmet bag, Visor covers and helmet covers
- Available colours: Black, Navy, Olive Drab, Desert Tan, UN Blue and white



BOLT FREE PASGT

Pads placed Horizontal



Pads placed Vertical



7 PAD SYSTEM

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