



ARMORSOURCE

MISSION CRITICAL BALLISTIC SOLUTIONS

MODEL:

AS-501 GEN II

DESC:

U.S. ARMY NEXT GENERATION
ADVANCED COMBAT HELMET.
THE LIGHTEST IN THE FIELD.

Proudly introducing the next generation of ballistic head protection. The ArmorSource AS-501 G2 Helmet solution is the lightest version of the U.S. Army Advanced Combat Helmet (ACH / LWACH) on the market. Designed to minimize weight burden, the AS-501 G2 has effectively reduced the weight of the traditional ACH helmet by more than 30% and that of LW-ACH helmets by more than 15%. All while exceeding the ballistic protection of the Lightweight ACH category as a whole, thanks to our proprietary materials and superior development capabilities.

FEATURES

PROVIDES EXTREMELY HIGH BALLISTIC PROTECTION against a wide spectrum of small fragments as well as handgun projectiles

EXTREMELY COMFORTABLE due to its light weight and flexible pad system

Utilizes **INDUSTRY LEADING BALLISTIC TECHNOLOGY**

UTILIZES THE ACH/MICH SHAPE used and accepted by the United States and other military organizations worldwide

Available in **BOLTED AND BOLTLESS** Versions

COMPATIBLE WITH ALL ACH accessories and Devices

Proudly **MADE IN THE USA**

SYSTEM SNAPSHOT

SHAPE/DESIGN

U.S. Army ACH Geometry

SHELL CONSTRUCTION

Proprietary blend of Polyethylene and Composite Materials

BALLISTIC PROTECTION

AR/PD 14-01; NIJ level IIIA

FRAGMENTS PROTECTION

In accordance with AR/PD 14-01; 17 grain V50 > 2400 f/s (732 m/s)

9MM BFD/TRAUMA

9-mm RTP/BFD < 1" average

ENVIRONMENTAL / MECHANICAL PROTECTION / DESIGN

U.S. Army AR/PD 14-01

CERTIFICATION

From an NIJ certified laboratory

AVAILABLE HEAD SIZES

X-Small / Small / Medium / Large / X-Large / XX-Large

AVAILABLE SHELL SIZES

Small / Medium / Large / X-Large

EXTREME TESTING CONDITIONS

Performs under temperature between 160 °F (71°C) and -60°F (-51°C); Performs after 3 hours sea water immersion

CONFIGURATION

100% Boltless (Durability Verified)

USE

Special Units; Military Troops

AVAILABLE COLORS



FOLIAGE GREEN



OLIVE GREEN



SNIPER BLACK



DESERT TAN



COYOTE BROWN

SHELL INFO

SHELL THICKNESS

0.3" (±0.1") / 8 mm (±2.5mm)

FINISHED SHELL NOMINAL WEIGHT*

Medium 1.8 lbs. / 0.84 Kg; Large 2.0 lbs. / 0.9 Kg; X-Large 2.1 lbs. / 0.95 Kg

NOMINAL SURFACE AREA*

Med - 161 in² (1,037 cm²); Large - 168 in² (1,081 cm²); XL - 187 in² (1,208 cm²)

NOMINAL AREAL DENSITY

7.2 kg/sqm

AVAILABLE CUTS



HIGH-CUT



MID-CUT



REGULAR-CUT

SYSTEM INFO

FINISHED HELMET NOMINAL WEIGHT **

Medium 2.2 lbs. / 1.02 Kg; Large; 2.4 lbs. / 1.08 Kg; X-Large 2.5 lbs. / 1.13 Kg

FULLY LOADED HIGH-CUT NOMINAL WEIGHT ***

Medium 2.4 lbs. / 1.11 Kg; Large 2.6 lbs. / 1.17 Kg; X-Large 2.7 lbs. / 1.21 Kg

* Regular-cut shell ** A Regular-cut helmet installed with retention and suspension systems
*** Special Command configuration: the complete kit, with ASR side-rails, NVG Shroud and Operational Loop System



SYSTEM CAPABILITIES CHECKLIST

BALLISTIC PERFORMANCE*		ENVIRONMENTAL PERFORMANCE*		COMPATIBILITY AND ADD-ONS*	
U.S. ARMY ACH GEN II SPECS	✓	U.S. ARMY ACH SPECS	✓	UNIVERSAL SIDE-RAILS	✓
NIJ LEVEL IIIA	✓	BLUNT IMPACT	✓	NVG MOUNT	✓
FRAGMENTATION PROTECTION	✓	COMPRESSION RESISTANCE	✓	OPERATIONAL LOOP SYSTEM	✓
BFD / TRAUMA	✓	ACCELERATED AGING	✓	COUNTERWEIGHT	✓
EXTENDED 17 GRAIN VELOCITY	✓	FLAMMABILITY	✓	CAMOUFLAGE COVER	✓
		ADVANCED BOLTLESS ADHESIVE SYSTEM	✓		
		IMPACT RESISTANCE	✓		

* In accordance with ArmorSource technical specifications and applicable standards

AVAILABLE RETENTION SYSTEMS



R-2

ARMORSOURCE STANDARD HARNESS SYSTEM (ASHS)
(FOLIAGE / OLIVE / BLACK / TAN)



R-4

ARMORSOURCE STANDARD BOLTLESS HARNESS SYSTEM (ASBS)
(FOLIAGE / OLIVE / BLACK / TAN)



R-3

TEAM WENDY® BOLTED CAM-FIT™
(GREEN / BLACK / TAN)



R-10

TEAM WENDY® BOLTLESS CAM-FIT™
(GREEN / BLACK / TAN)

AVAILABLE SUSPENSION SYSTEMS



P-2

ARMORSOURCE STANDARD PADS SYSTEM
(BLACK)



P-3

TEAM WENDY® ZAP™
(FOLIAGE)



P-4

TEAM WENDY® EPIC AIR LINER SYSTEM™
(FOLIAGE)



P-11

D30 9-PADS SYSTEM
(BLACK)



P-10

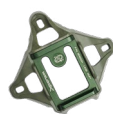
D30 7-PADS SYSTEM
(BLACK)

AVAILABLE ACCESSORIES



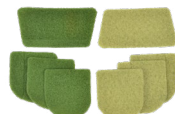
ASR UNIVERSAL SIDE RAILS

(BLACK / OLIVE / FOLIAGE TAN / COYOTE)



WIL3 UNIVERSAL NVG

(BLACK / GREEN / FOLIAGE / TAN)



OPERATIONAL LOOP SYSTEM

(BLACK / OLIVE / FOLIAGE TAN / COYOTE)



COUNTERWEIGHT

(BLACK / GREEN / TAN)



HELMET COVER

(BLACK / OLIVE / FOLIAGE TAN / COYOTE)



CARRYING BAG
(TAN / COYOTE)



STRAP EXTENDER
(BLACK / GREEN / TAN)

OFFICIAL SUPPLIER TO



U.S. Department of Defense

