



# ARMORSOURCE

## MISSION CRITICAL BALLISTIC SOLUTIONS



**MODEL:**

# AS-500

**DESC:**

**U.S. ARMY ADVANCED COMBAT HELMET. THE CORNERSTONE OF OUR LEGACY SERIES.**

The ArmorSource AS-500 ACH (Advanced Combat Helmet) is a cornerstone within our line up of legacy model products and has built a reputation as a longstanding, trusted U.S. Army combat helmet. This battle-proven ballistic solution provides high levels of protection against a wide spectrum of small fragment and handgun bullets and has undergone extensive testing methods to improve the safety of today's service member in the field.

## FEATURES

**PROVIDES HIGH PROTECTION AGAINST A WIDE SPECTRUM OF SMALL FRAGMENTS** as well as handgun bullets

**BATTLE-PROVEN** and used extensively in Iraq and Afghanistan theaters

Features a **SHAPE USED AND ACCEPTED BY THE U.S. GOVERNMENT** and other military organizations worldwide

Proudly **MADE IN THE USA**

## SYSTEM SNAPSHOT

SHAPE/DESIGN

U.S. Army ACH Geometry

SHELL CONSTRUCTION

Proprietary blend of Aramid and Composite Materials

BALLISTIC PROTECTION

U.S. Army GL/PD 19-06 (to replace CO/PD 05-04); NIJ level IIIA 0108.01/0106.01

FRAGMENTS PROTECTION

2,4,16,17 and 16 grain in accordance with U.S. Army GL/PD 19-06

9MM BFD/TRAUMA

Meets the U.S. Army GL/PD 19-06

ENVIRONMENTAL / MECHANICAL PROTECTION / DESIGN

Meets the U.S. Army GL/PD 19-06

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

Military Troops; Law Enforcement



## AVAILABLE COLORS



FOLIAGE GREEN



OLIVE GREEN



SNIPER BLACK



DESERT TAN



COYOTE BROWN

## SHELL INFO

SHELL THICKNESS

0.4" (±0.1") / 10 mm (±2.5mm)

FINISHED SHELL NOMINAL WEIGHT\*

Medium 2.7 lbs. / 1.22 Kg; Large 2.9 lbs. / 1.32 Kg; X-Large 3.2 lbs. / 1.45 Kg

NOMINAL SURFACE AREA\*

Regular-cut: Medium - 164 in2 (1,064 cm2); Large - 176 in2 (1,134 cm2); X-Large 193 in2 (1,243 cm2)

## AVAILABLE CUTS



HIGH-CUT



MID-CUT



REGULAR-CUT

## SYSTEM INFO

FINISHED HELMET NOMINAL WEIGHT \*\*

Medium 3.1 lbs. / 1.4 Kg; Large 3.3 lbs. / 1.5 Kg; X-Large 3.6 lbs. / 1.63 Kg

FULLY LOADED HIGH-CUT NOMINAL WEIGHT \*\*\*

Medium 3.1 lbs. / 1.42 Kg; Large 3.3 lbs. / 1.52 Kg; X-Large 3.6 lbs. / 1.66 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



HIGH-CUT W/  
AIRELOCK  
SYSTEM



MID-CUT W/  
AIRELINK PLUS &  
AIRESUPPORT  
PRIME



REGULAR-CUT W/  
AIRELINK PLUS  
& AIRESUPPORT  
PRIME



REGULAR-CUT  
W/ AIRELINK &  
AIRESUPPORT

## 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	✓
		ADVANCED BOLTLESS ADHESIVE SYSTEM	✓	CAMOUFLAGE COVER	✓
		IMPACT RESISTANT	✓		

\* In accordance with ArmorSource technical specifications and applicable standards

## AVAILABLE RETENTION SYSTEMS



### AIRELINK

**STANDARD RETENTION SYSTEM**  
BLACK, FOLIAGE GREEN, TAN, OLIVE GREEN,  
COYOTE BROWN



### AIRELINK PLUS

**DIAL RETENTION SYSTEM**  
BLACK, FOLIAGE GREEN, TAN, OLIVE GREEN,  
COYOTE BROWN

## AVAILABLE SUSPENSION SYSTEMS



### AIRESUPPORT

**STANDARD SUSPENSION SYSTEM**  
BLACK, GREEN



### AIRESUPPORT PRIME

**ADVANCED SUSPENSION SYSTEM**  
BLACK, GREEN

## AVAILABLE ACCESSORIES

**LIGHTEST UNIVERSAL RAILS  
ON THE MARKET**



### AIRERAIL

BLACK / OLIVE / FOLIAGE  
TAN / COYOTE

**LIGHTEST NVG SHROUD  
ON THE MARKET**



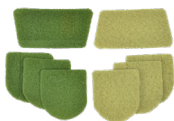
### AIREMOUNT

BLACK / GREEN  
FOLIAGE / TAN



### HELMET COVER

BLACK / OLIVE / FOLIAGE / TAN /  
COYOTE / + Other Upon Request



### OPERATIONAL LOOP SYSTEM

BLACK / OLIVE / FOLIAGE  
TAN / COYOTE

**ALL NEW TEXTILE AND  
LEAD-FREE DESIGN**



### COUNTERWEIGHT

BLACK / GREEN / TAN



### CARRYING BAG

TAN / COYOTE

## AIRELOCK SYSTEM



## FEATURES

- MEETS ALL APPLICABLE MILITARY STANDARDS
- PERSONALIZED FIT AND COMFORT TECHNOLOGY
- ALLOWS AIR MOVEMENT
- COVERS 99.9% OF ALL HEAD TYPES
- COMES WITH 3D ADJUSTMENT CAPABILITIES
- ADVANCED DIAL SYSTEM
- COMES WITH A PREMIUM CHINSTRAP

