



ARMORSOURCE

MISSION CRITICAL BALLISTIC SOLUTIONS



MODEL:

AIRE CARBON

DESC:

**LIGHTWEIGHT CARBON FABRIC
HELMET DESIGNED FOR TRAINING
AND HIGH-RISK OUTDOOR ACTIVITIES**

The ArmorSource 'Aire Carbon' Helmet is a non-ballistic helmet designed for use in training and high-risk outdoor activities. Providing a solution that looks and feels like the U.S. Army ACH, the Aire Carbon offers the feel and experience of real-life training scenarios while putting the users safety at the forefront. With Blunt Impact protection that complies with the U.S. Army specifications, ArmorSource's boltless and hole-less Aire-Carbon shell made of lightweight proprietary carbon fiber and composite materials deliver top level protection and an undressed weight of approximately 700 grams (1.55 lbs.).

FEATURES

IDENTICAL TO THE ACH, LWACH, ACH GEN II AND MICH helmets, geometry, sizing, cuts and configurations

EXTREMELY COMFORTABLE due to its ultra-lightweight and flexible chinstrap and pad system

COMPATIBLE WITH UNIVERSAL NVG SHROUD AND SIDE-RAILS

Features **INDUSTRY LEADING SAFETY TECHNOLOGY**

HOLE-LESS SHELL CONSTRUCTION provides increased user safety

PROVIDES NON-BALLISTIC PERFORMANCE under extreme conditions (heat, cold and saltwater/ wet activity)

Proudly **MADE IN THE USA**

SYSTEM SNAPSHOT

SHAPE/DESIGN

U.S. Army ACH Geometry

SHELL CONSTRUCTION

Proprietary blend of Carbon Fabric and Composite Materials

ENVIRONMENTAL / MECHANICAL PROTECTION / DESIGN

Blunt Impact and Compression Resistance in accordance with AR/PD 14-01; Shock Absorption and Penetration Resistance in accordance with EN-397

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

Training; Extreme Outdoor

AVAILABLE COLORS



FOLIAGE GREEN



OLIVE GREEN



SNIPER BLACK



DESERT TAN



COYOTE BROWN

SHELL INFO

SHELL THICKNESS

0.1" (2.5 mm)

FINISHED SHELL NOMINAL WEIGHT*

Medium 0.77 lbs. / 0.35 Kg; Large 0.81 lbs. / 0.37 Kg; X-Large 0.87 lbs. / 0.4 Kg

AVAILABLE CUTS



HIGH-CUT



MID-CUT



REGULAR-CUT

SYSTEM INFO

FINISHED HELMET NOMINAL WEIGHT **

Medium 1.2 lbs. / 0.55 Kg; Large 1.25 lbs. / 0.57 Kg; X-Large 1.3 lbs. / 0.6 Kg

FULLY LOADED HIGH-CUT NOMINAL WEIGHT ***

Medium 1.65 lbs. / 0.75 Kg; Large 1.7 lbs. / 0.78 Kg; X-Large 1.8 lbs. / 0.81 Kg

* High-cut shell ** A High-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

ENVIRONMENTAL PERFORMANCE*		COMPATIBILITY AND ADD-ONS*	
BLUNT IMPACT	✓	UNIVERSAL SIDE-RAILS	✓
COMPRESSION RESISTANCE	✓	NVG MOUNT	✓
SHOCK ABSORPTION	✓	OPERATIONAL LOOP SYSTEM	✓
RESISTANCE FOR PENETRATION	✓	COUNTERWEIGHT	✓
FLAMMABILITY	✓	CAMOUFLAGE COVER	✓
ADVANCED BOLTLESS ADHESIVE SYSTEM	✓		
		STRAP EXTENDERS	✓
		VISOR/GOGGLES	✓
		COMMUNICATIONS / EAR PROTECTION	✓
		GAS MASK	✓
		CARRYING BAG	✓

* In accordance with ArmorSource technical specifications and applicable standards

AVAILABLE RETENTION SYSTEMS



R-2

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



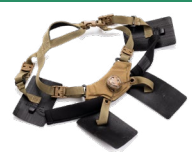
R-4

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)

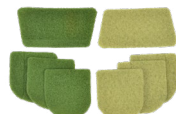
AVAILABLE ACCESSORIES



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)

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U.S. Department of Defense

