



## MISSION CRITICAL BALLISTIC SOLUTIONS



# MODEL: AIRE EX

## DESCRIPTION:

EXTENDED RIFLE-RESISTANT, HIGH PROTECTION ASSAULT HELMET

ArmorSource's AIRE EX is a revolutionary rifle-resistant / small arms Rifle Resistance Helmet designed specifically for SWAT team, front line troops and counter-terrorism units around the globe.

This lightweight and innovative solution incorporates proprietary high-performance ballistic materials in a proven, battle-tested ACH shape. The AIRE EX is a highly modular ballistic helmet designed and tested to deliver increased levels of protection for today's elite soldier.

## FEATURES

Provides a **SIGNIFICANT INCREASE IN PERFORMANCE PROTECTION** against fragments

**DEFEATS SMALL ARMS** like NATO M80 (7.62X51) round at 2100 ft/sec (640 m/s)

Approximately the **SAME WEIGHT AS THE LEGACY U.S. MILITARY'S ADVANCED COMBAT HELMET (ACH)**

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	U.S. Army GL-PD-09-04 STD
RIFLE RESISTANCE	7.62x39 LC V50 > 2676 f/s 5.56x45 (M193) V50 > 2986 f/s 7.62X51 M80 NATO round: V0 > 2100 f/s (640 m/s)
FRAGMENT PROTECTION	17 grain V50>2950 f/s (900 m/s)
ENVIRONMENTAL / MECHANICAL STANDARD	U.S. Army GL-PD-09-04 STD
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	Front Line Troops; SWAT



## AVAILABLE COLORS



RANGER GREEN



SNIPER BLACK

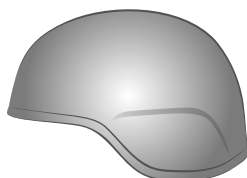


COYOTE BROWN

## AVAILABLE CUTS



HIGH-CUT



REGULAR-CUT

## SHELL INFO

SHELL THICKNESS	0.4" (±0.1") / 10 mm (±2.5mm)
FINISHED SHELL NOMINAL WEIGHT*	Medium 1.22 kg (2.7 lbs); Large 1.3 kg (2.9 lbs); X-Large 1.42 kg (3.1 lbs)

## SYSTEM INFO

FINISHED HELMET NOMINAL WEIGHT **	Medium 1.4 kg (3.1 lbs); Large 1.45 kg (3.2 lbs); X-Large 1.6 kg (3.5 lbs)
FULLY LOADED HIGH-CUT NOMINAL WEIGHT ***	Medium 1.43 kg (3.1 lbs); Large 1.5 kg (3.3 lbs); X-Large 1.61 kg (3.5 lbs)

\* 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



REGULAR-CUT



REGULAR-CUT / NO ACCESSORIES

## CONFIGURATION COMPONENTS



**AIRELINK PRIME**  
DIAL RETENTION SYSTEM



**AIRESUPPORT PRIME**  
SUSPENSION SYSTEM



**OPERATIONAL LOOP SYSTEM**

## SYSTEM CAPABILITIES CHECKLIST

BALLISTIC PERFORMANCE*		ENVIRONMENTAL PERFORMANCE*		COMPATIBILITY AND ADD-ONS*			
U.S. ARMY ECH SPECS	✓	U.S. ARMY ACH SPECS	✓	UNIVERSAL SIDE-RAILS	✓	STRAP EXTENDERS	✓
RIFLE RESISTANCE	✓	BLUNT IMPACT	✓	NVG MOUNT	✓	VISOR/GOGGLES	✓
FRAGMENTATION PROTECTION	✓	COMPRESSION RESISTANCE	✓	OPERATIONAL LOOP SYSTEM	✓	COMMUNICATIONS / EAR PROTECTION	✓
BFD / TRAUMA	✓	ACCELERATED AGING	✓	COUNTERWEIGHT	✓	GAS MASK	✓
EXTENDED 17 GRAIN VELOCITY	✓	FLAMMABILITY	✓	CAMOUFLAGE COVER	✓	CARRYING BAG	✓
		ADVANCED BOLTLESS ADHESIVE SYSTEM	✓				
		IMPACT RESISTANT	✓				

\* In accordance with ArmorSource technical specifications and applicable standards

## AVAILABLE ACCESSORIES



COUNTERWEIGHT



HELMET COVER



CARRYING BAG



STRAP EXTENDER

## PROVEN TO PROTECT

REGISTERED ISO 9001:2015