



FAST[®] XP

High Cut Helmet System



The Ops-Core[®] FAST XP helmet is part of the FAST ballistic protection helmet family. Its innovative, lightweight design resists penetration from 9mm and frag threats at a weight of 2.81lbs (Large). The FAST XP integrates into Ops-Core's total headborne system solutions, which include situational awareness, optics, and respiratory protection.

- Lightweight design capable of resisting 9mm and frag threats
- High cut, ballistic shell made of a hybrid composite of the most advanced carbon, unidirectional polyethylene, and woven aramid
- High cut shell geometry extends critical coverage over the rear occipital lobe without load carrier interference and optimizes weight distribution for increased stability, integration, balance, and improved comfort
- Low Profile Skeleton Rail system offers a lightweight mounting system for the headborne eco-system
- Molded liner features proprietary recessed channel, accommodating over-the-head communications headsets with no interference or user discomfort, and ability to doff and don helmet without removing the headset

SPECIFICATIONS

Performance Specification: In accordance with Gentex PS-1063 Specification, Modified and Abbreviated US Army ACH Helmet CO/PD 05-04:2007 Specification

NIJ Standards: NIJ 0106.01 with NIJ 0108.01 Level IIIA (9mm FMJ @ 1,400 ft/s) Threat

Fragmentation Protection: In accordance with PS-1063 and MIL-STD-662F

Projectile	Minimum V50 (ft/s)	Minimum V50 (m/s)
2 - Grain RCC	4,200	1,280
4 - Grain RCC	3,475	1,059
16 - Grain RCC	2,475	754
64 - Grain RCC	1,750	533
17 - Grain FSP	2,378	725

9mm Protection: In accordance with PS-1063, Resistance to Penetration (RTP) and Backface Defamation (BFD): 9mm FMJ, 24gr FMJ at 1,400 ft/s (426 m/s) at 0° obliquity with BFD < 1.0 inch (25.4 mm) (Right, Left, Crown, Front and Back)

Blunt Impact Protection: <150 G's at 10 ft/s per ACH CO/PD 05-04:2007

Compression Testing: Top-Bottom = .020" (0.51 mm) Max @ 400 lbs. (181.44 kg), Side-Side = .125" (3.18 mm) Max @ 300 lbs. (136.08 kg) per MICH Type II FQ/PD 06-35C: 2013

Environmental Resistance: Temperature -Storage and Operating at Ambient, Cold -60° F (-51° C), and Hot +160° F (71° C), Temperature Shock, Flame Resistance, Altitude, Vibration, Seawater, Field Agent Resistance, Weatherometer per ACH CO/PD 05-04:2007

- Shell Construction:** Two-Stage Non Slit
- Shell Thickness:** 0.290" (7.37mm)
- Shell Geometry (Curvature):** FAST
- Cut Style (Side Protection):** High Cut
- Available Sizes:** Medium (M), Large (L), X-Large (XL), XX-Large (XXL)

- Available Colors:**
- Urban Tan
 - Ranger Green
 - Black
 - MultiCam[®]
 - Urban Gray



FAST XP

SPECIFICATIONS (CONTINUED)

SHELL SIZING & COVERAGE

Available Sizes	Medium	Large	X-Large	XX-Large
Head Size (Circumference)	20 7/8 - 22 in (53-56cm)	22 - 23 1/4 in (56-59cm)	23 1/4 - 24 3/8 in (59-62cm)	24 3/8 - 25 1/8 in (62-64 cm)
Square Coverage	142in ² (916 cm ²)	154in ² (994cm ²)	167in ² (1077cm ²)	176 in ² (1135cm ²)

SHELL WEIGHT

Available Sizes **	Medium	Large	X-Large	XX-Large
FAST XP Shell Weight (Shell with Paint & Edge Band)	1.57lbs (713g)	1.72lbs (780g)	1.89lbs (856g)	1.97lbs (894g)

SYSTEM WEIGHT

Available Sizes **	Medium	Large	X-Large	XX-Large
FAST XP System Weight (FAST XP Shell with Vented Lux Liner w/ Occ-Dial® Universal Fitband)	2.68lbs (1214g)	2.81lbs (1275g)	3.02lbs (1268g)	3.11lbs (1409g)

(**Estimated calculations of weights) Note: All measurements are +/- 3% tolerance

Contact Us

Ops-Core is committed to designing advanced performance capabilities for the elite warrior. For more information regarding the Ops-Core FAST XP High Cut Helmet System, contact Ops-Core at 617.670.3547 or sales@ops-core.com. The FAST XP High Cut Helmet is controlled for export by the U.S. Export Administration Regulations (EAR) 15 CFR 730-774. The export of this helmet and related technical information requires prior authorization from the U.S. Government.