



FAST[®] XP

High Cut Helmet System



- High cut shell made of a hybrid composite of Carbon, Uni-directional Polyethylene, and Woven Aramid.
- Raised ear cut allows for integration with communications headsets.
- Features an Ops-Core[®] 3-Point Skeleton™ Shroud for universal capability with most NVG mounts, Accessory Rail Connectors (ARCs) with hook bungees, and external VELCRO[®] brand loop.
- Scalable design allows for compatibility with Ops-Core visors, mandibles, handgun face shields, and ballistic appliques.
- Available with four suspension/retention options.

SPECIFICATIONS

Performance Specification: Ops-Core XP Helmet 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
Areal Density: 1.58 lbs/ft² (77.14 g/dm²)
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	 Foliage Green	 Black
 MultiCam [®]	 Desert MARPAT	 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 (53-56 cm)	22-23 1/4 in (56-59 cm)	23 1/4 - 24 3/8 in (59-62 cm)	24 3/8 - 25 3/8 in (62-64.5 cm)
Square Coverage	153.1 in ² (988 cm ²)	164.8 in ² (1063 cm ²)	179.3 in ² (1157 cm ²)	191.1 in ² (1233 cm ²)

SHELL WEIGHT

Available Sizes	Medium	Large	X-Large	XX-Large
FAST XP Shell Weight (Shell with Paint & Edge Band)	1.68 lbs (764 g)	1.88 lbs (853 g)	2.01 lbs (913 g)	2.18 lbs (989 g)

SYSTEM WEIGHT

	Suspension/Retention Option	Large
FAST XP System Weight (FAST XP Shell with Suspension/Retention Options)	Lux Liner w/ Worm-Dial Fitband	2.84 lbs (1288 g)
	Lux Liner w/ H-Nape Chinstrap	2.73 lbs (1238 g)
	EPP Pads w/ Worm-Dial Fitband	2.55 lbs (1157 g)
	EPP Pads w/ Occ-Dial Fitband	2.74 lbs (1243 g)

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.