



FAST[®] XP

High Cut Helmet System



SHOWN WITH
PowerPath ARC Rails[†]

[†] Helmets built after July 1st, 2023 will feature the PowerPath ARC Rails

The FAST XP provides pistol round protection for higher velocity 9mm rounds. With a slightly thicker shell than the SF, the XP offers a gain in protection: 205 ft/s increase in muzzle velocity for a 124g 9mm round in exchange for an increase of 0.28 lbs. in shell weight.

- Lightweight Modular Bungee Shroud (MBS) reduces snag hazards and features carabiner clips to improve NVG retention and stability while reducing interference with other rail-mounted accessories
- PowerPath ARC Rail system provides a lightweight mounting solution for Ops-Core headborne ecosystems
- Vented Lux Liner with Occ-Dial Universal Fitband offers comfort and ventilation
- Head-Loc retention chinstrap maintains security and stability
- External VELCRO[®] Brand loop kit allows for quick and easy attachment and detachment of headborne accessories
- Proprietary recessed groove accommodates over-the-head communication accessories with no interference and allows for helmet donning and doffing without headset removal

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	42,475	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:





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 1/2 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)	2.61lbs (1184g)	2.74lbs (1245g)	2.95lbs (1338g)	3.04lbs (1379g)

(**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 Customer Service at +1 888.894.1755 or groundcs@gentexcorp.com. The FAST XP High Cut Helmet System 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.