



FAST[®] XP

Helmet System

The new FAST XP builds on the pedigree of its predecessor with a ballistic shell available in both High and Mid Cut, now fully certified to NIJ IIIA and HG2 standards. It also features the LOCKDOWN[™] Liner and the Head-Loc[®] Flex chinstrap to enhance fit, comfort, and stability.

- Provides ballistic protection against 9mm and .44 Magnum rounds (1400 ft/s), full NIJ IIIA and HG2 certification, and enhanced fragmentation protection.
- LOCKDOWN Liner System incorporates a user-customizable suspension system with multiple strategically placed pads, encouraging airflow. The LOCKDOWN Comfort Liner, featuring moisture-wicking fabric and reticulated foam, offers adaptable density for diverse head shapes and comfortably supports heavy VAS and NVG systems.
- LOCKDOWN conformable nape pad and cable Occ-Dial[®] offer enhanced stability, securing a larger contact area on the rear of the user's head, adapting to individual contours for an improved fit compared to other, more rigid systems.
- LOCKDOWN cable system enables an interference-free fit with headband communication systems.
- Head-Loc Flex retention system introduces a unique convertible chin cup that can be worn either over or under the chin, eliminating the need for a mask extender with the O2 and CBRN kit for most users.
- POWERPATH ARC[™] Rail system provides a lightweight mounting solution for Ops-Core headborne systems and features a unique, behind the rail channel for the safe routing of NVG cables.
- 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.
- External VELCRO[®] Brand loop kit allows for quick and easy attachment and detachment of headborne accessories.



Featuring the all new LOCKDOWN Liner System



OVER



UNDER

Head-Loc Flex convertible chin cup can be worn over or under the chin



HIGH CUT



MID CUT

Available in high and mid cut shell variants

SPECIFICATIONS

Performance Specification: In accordance with Gentex PS-1677 Specification, Modified and Abbreviated US Army ACH Helmet CO/PD 05-04:2007 Specification, Portions of STANAG 2902, Portions of STANAG 29208

NIJ Standards: NIJ 0106.01 with NIJ 0123.00 Level HG2 (9mm FMJ @ 1,470 ft/s and .44 Mag JHP @ 1,430 ft/s)

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) lbs.

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, STANAG 4370 / AETCP 230

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

Ballistic Testing:

Projectile	Minimum V50 BL(P) at 0°(±5°) Obliquity (ft/s)	Minimum V50 BL(P) at 0°(±5°) Obliquity (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)



FAST XP

SPECIFICATIONS (CONTINUED)

Shell Construction:	Two-stage non-slit
Shell Thickness:	0.290" (7.37mm)
Shell Geometry (Curvature):	FAST
Cut Style (Side Protection):	High Cut, Mid Cut

Available Sizes: Medium (M), Large (L), X-Large (XL), XX-Large (XXL)

Available Colors:



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 1/8 in (62-64 cm)
Square Coverage (High Cut)	142in ² (916 cm ²)	154in ² (994cm ²)	167in ² (1077cm ²)	176 in ² (1135cm ²)
Square Coverage (Mid Cut)	158in ² (1019 cm ²)	169in ² (1090cm ²)	183in ² (1180cm ²)	192 in ² (1238cm ²)

SHELL WEIGHT (Shell with paint & edge band) **

Available Sizes	Medium	Large	X-Large	XX-Large
FAST XP Shell Weight (High Cut)	772g	841g	915g	961g
FAST XP Shell Weight (Mid Cut)	853g	919g	996g	1037g

SYSTEM WEIGHT (FAST XP Shell with LOCKDOWN Liner System) **

Available Sizes	Medium	Large	X-Large	XX-Large
FAST XP System Weight (High Cut)	1168g	1239g	1316g	1361g
FAST XP System Weight (Mid Cut)	1251g	1316g	1389g	1439g

(**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 Helmet System, contact Ops-Core Customer Service at +1 888.894.1755 or groundcs@gentexcorp.com. The FAST XP 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.