



# 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 Q2 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



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:**



Tan 499



Black



Ranger Green



MultiCam®

### SHELL SIZING & COVERAGE

Available Sizes	Medium	Large	X-Large	XX-Large
<b>Head Size (Circumference)</b>	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)
<b>Square Coverage (High Cut)</b>	142in <sup>2</sup> (916 cm <sup>2</sup> )	154in <sup>2</sup> (994cm <sup>2</sup> )	167in <sup>2</sup> (1077cm <sup>2</sup> )	176 in <sup>2</sup> (1135cm <sup>2</sup> )
<b>Square Coverage (Mid Cut)</b>	158in <sup>2</sup> (1019 cm <sup>2</sup> )	169in <sup>2</sup> (1090cm <sup>2</sup> )	183in <sup>2</sup> (1180cm <sup>2</sup> )	192 in <sup>2</sup> (1238cm <sup>2</sup> )

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

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

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

Available Sizes	Medium	Large	X-Large	XX-Large
<b>FAST XP System Weight (High Cut)</b>	1168g	1239g	1316g	1361g
<b>FAST XP System Weight (Mid Cut)</b>	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.