



FAST[®] XP

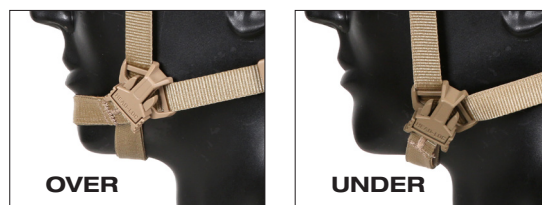
Helmet System

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 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, full HG2 certification, and enhanced fragmentation protection.
- LOCKDOWN Liner System incorporates a user-customizable suspension system with multiple strategically placed pads, ensuring 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.
- POWERPPATH 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

SPECIFICATIONS

Performance Specification: In accordance with Gentex PS-1677 Specification, exceeds AR/PD 10-02:2010, AR/PD 14-01C

NIJ Standards: NIJ 0106.01 with NIJ 0123.00 Level HG2 (9mm FMJ @ 1,470 ft/s [448 m/s] and .44 Mag JHP @ 1,430 ft/s [436 m/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) per AR/PD 14-01C

Environmental Resistance: Temperature -Storage and Operating at Ambient, Cold -60° F (-51° C), and Hot +160° F (71° C), Flame Resistance, Altitude, Seawater, Field Agent Resistance, Weatherometer

Blunt Impact Protection: Exceeds 150 G's maximum at 10 ft/s per AR/PD 10-02:2010. Maximum allowable dent 0.023"

BS EN 1385:2012: Helmets for canoeing and white water sports

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-1677, Resistance to Penetration (RTP) and Backface Defamation (BFD): 9mm FMJ, 124gr 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)

STANAG/AEP 2920: 1.1g (17gr) F5 (FSP) V50 > 710 m/s (2,330 ft/s), 9mm 124gr FMJ, RTP @ 426 m/s (1,400 ft/s) with BFD < 25.4mm (1 inch)

STANAG/AEP 2902: Blunt Impact – Method H: Chapter 4, Section 4.1.1.2, Resistance to Penetration – Method 1: Chapter 5, Section 5.2, Structural Rigidity – Option 2: Chapter 7, Section 7.3, Retention and Stability – Static Loading Method 2 and Stability: Chapter 8, Sections 8.2.3 & 8.3, Age and Environmental Testing – Europe A3, Europe C0, Europe M1, Europe M2, Europe C1, Europe C2, Desert A1, Desert A2, Desert B3, Jungle B1, Jungle B2, Heat Distortion, Temperature Shock, Altitude, Vibration: Chapter 13, Paint Adhesion – Method 1: Chapter 19, Section 19.2



FAST XP

SPECIFICATIONS (CONTINUED)

- Shell Construction:** Two-stage non-slit
- Shell Thickness:** 0.290" (7.37mm)
- Shell Geometry (Curvature):** FAST
- Available Sizes:** Medium (M), Large (L), X-Large (XL), XX-Large (XXL)
- Available Colors:**



Cut Style (Side Protection):



Available in high and mid cut shell variants

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)	150 in ² (970 cm ²)	162 in ² (1047 cm ²)	176 in ² (1139 cm ²)	186 in ² (1199 cm ²)
Square Coverage (Mid Cut)	167 in ² (1079 cm ²)	178 in ² (1152 cm ²)	193 in ² (1244 cm ²)	202 in ² (1303 cm 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 grounds@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.