



FAST[®] SF

Super High Cut Helmet System

- Super high cut, ballistic shell made of a hybrid composite of the most advanced Carbon, Unidirectional Polyethylene and Women Aramid.
- High performance evolution of the Ops-Core FAST MT Super High Cut Helmet, with an 8% weight reduction, while maintaining compatibility with FAST head borne accessories.
- Super high cut shell geometry extends critical coverage over the rear occipital lobe without load carrier interference, and optimizes weight distribution for increased stability, integration, balance, and improved comfort.
- Ear cut geometry is 16 mm higher than the FAST XP High Cut shell shape, allowing for clearance of larger headset style communication devices.
- Super High Cut Skeleton Rails offer lower profile with a 30% weight reduction from FAST MT Super High Cut Rails.
- Features a lightweight Modular Bungee Shroud (MBS) which reduces snag hazards and interference. Carabiner clips improve NVG retention and stability.
- Molded liner features proprietary recessed groove, accommodating over-the-head communications headsets with no interference or user discomfort, and ability to doff and don helmet without removing the headset.
- Base of helmet features expanded polypropylene (EPP) liner, offering enhanced impact protection, and molded-in vent holes are integrated with the shell to provide increased airflow and reduce heat stress.
- Available with three suspension/retention options.



SPECIFICATIONS

Performance Specification*: Modified and Abbreviated Family of Tactical Headborne Systems, dated June 30th 2017

Ops-Core Performance Specification FAST SF PS-1228

Ballistic Testing:

*Not all suspension/retention options are tested to full stated standards.

Projectile	FPS Minimum V50
2 - Grain RCC	4,200 fps
4 - Grain RCC	3,475 fps
16 - Grain RCC	2,475 fps
17 - Grain RCC	2,297 fps
64 - Grain RCC	1,750 fps
9 mm FMJ RN (V0 at 0° Obliquity)	1,195 fps +50/-0 ft/s, Crown- 23.4 mm, Side- 27.1 mm, Front- 29, Back 19.1 mm

Blunt Impact Protection: 150 g's maximum at 10 ft/s. Maximum allowable dent 0.023

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, Seawater, Field Agent Resistance, Weatherometer

Shell Construction:

Two-Stage Non Slit

Available Sizes:

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

Areal Density:

Medium (M): 1.407 lbs/ft² (6869.5 g/m²)
Large (L): 1.413 lbs/ft² (6898.8 g/m²)
X-Large (XL): 1.396 lbs/ft² (6815.8 g/m²)
XX-Large (XXL): 1.368 lbs/ft² (6679.2 g/m²)

Shell Thickness:

0.220" (5.58mm)

Shell Geometry (Curvature):

FAST

Cut Style (Side Protection):

Super High Cut

Available Colors:





FAST SF

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 1/8 in (62-64 cm)
Square Coverage	137 in ² (884 cm ²)	148 in ² (955 cm ²)	163 in ² (1052 cm ²)	171 in ² (1103 cm ²)

SHELL WEIGHT

Available Sizes	Medium	Large	X-Large	XX-Large
FAST SF Shell Weight (Shell with Paint & Edge Band)	1.36 lbs (617g)	1.47 lbs (667g)	1.59 lbs (721g)	1.65 lbs (748g)

SYSTEM WEIGHT

	Suspension/Retention Option**	Large
FAST SF System Weight (FAST SF Shell with Suspension/ Retention Options)	Vented Lux Liner w/ Worm-Dial Fitband	2.25 lbs (1019g)
	Vented Lux Liner w/ Occ-Dial Universal Fitband	2.29 lbs (1039g)
	Vented Lux Liner w/ H-Nape Chinstrap	2.16 lbs (978g)

(**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 SF Super High Cut Helmet System, contact Ops-Core at 617.670.3547 or sales@ops-core.com. The FAST SF Super 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.

Gentex Corporation 324 Main Street Simpson, PA 18407 Tel: 617.670.3547 Fax: 570.282.8555 sales@ops-core.com

www.ops-core.com

Copyright © 2017 Gentex Corporation. Ops-Core, the Ops-Core logo, and FAST are registered trademarks of Gentex Corporation or its affiliates. Skeleton is a trademark of Gentex Corporation or its affiliates. MultiCam is a registered trademark of LineWeight LLC.