



FAST[®] MT-C

Helmet System



- Ballistic shell made of a hybrid composite of Carbon, and Unidirectional Polyethylene.
- Hybrid composite material yields an approximate shell weight reduction of 42% when compared to the traditional US Army ACH shell and further reduction of 20% when compared to the FAST XP High Cut Helmet.
- Available in High Cut and Super High Cut
- Super High Cut ear cut geometry is 16mm higher than the FAST XP High Cut shell shape, allowing for clearance of larger headset style communications devices.
- Dedicated side armor and mandible components are matched to both High Cut and Super High Cut versions.
- Limited availability configured with EPP w/ Occ-Dial Fitband Suspension / Retention System.
- Compatible with Velocity Systems[®] SLAAP Plate[™]

SPECIFICATIONS

Reference Testing Standards*: US SOCOM Maritime Helmet Specification CO/PD-2010 (July 2013)


Ballistic Testing:

Projectile	FPS Minimum V50
2 - Grain RCC	4,075 fps
4 - Grain RCC	3,450 fps
16 - Grain RCC	2,425 fps
64 - Grain RCC	1,700 fps
9 mm FMJ RN (V0 at 0° Obliquity)	1,195 fps threshold / @ 1,295 fps objective with 25.4 mm Backface Deformation

Impact Testing: 150 g's maximum @ 10 fps

Compression Testing: Top-Bottom = .020" Max @ 400 lbs., Side-Side = .125" Max @ 300 lbs.

Environmental Testing: Storage / Operating at ambient, cold -60° F, Hot +180° F, Altitude

Shell Construction:	Two-Stage Non Slit
Areal Density:	1.39 lbs/ft ² (67.87 g/dm ²)
Shell Thickness:	0.253" (6.43mm)
Shell Geometry (Curvature):	FAST
Cut Style (Side Protection):	Super High Cut
Available Colors:	 Urban Tan
Available Sizes:	S/M, M/L, and L/XL

Contact Us

Ops-Core is committed to designing advanced performance capabilities for the elite warrior. For more information regarding the Ops-Core FAST MT-C Helmet System, contact Ops-Core at 617.670.3547 or sales@ops-core.com. The FAST MT-C 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.



FAST MT-C

SPECIFICATIONS (CONTINUED)

SHELL SIZING & COVERAGE

Available Sizes	Medium	Large	X-Large
Head Size (Circumference)	20 3/8 - 22 in (53-56 cm)	22-23 1/4 in (56-59 cm)	23 1/4 - 24 3/8 in (59-62 cm)
Square Coverage (Super High Cut)	145.7 in ² (940 cm ²)	155.9 in ² (1006 cm ²)	170.4 in ² (1099 cm ²)

SHELL WEIGHT

Available Sizes	Medium	Large	X-Large
FAST MT-C Shell Weight (Super High Cut Shell w/ Paint & Edge Band)	1.44 lbs (653 g)	1.53 lbs (693 g)	1.79 lbs (810 g)

SYSTEM WEIGHT

	Suspension/Retention Option	Large
FAST MT-C System Weight (FAST MT-C Super High Cut Shell w/ Suspension/Retention Options)	EPP Pads w/ Occ-Dial Fitband	2.42 lbs (1098 g)

Note: All measurements are +/- 3% tolerance

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