



**SLATE
SOLUTIONS**

MARITIME TACTICAL

Flotation Vest (MTFV)

FRONT



MTFV SOFT ARMOR & FLOTATION FOAM SHAPES



BACK



FEATURES

- ◊ Maritime ballistic protection system with scalable ballistic and flotation survivability capabilities
- ◊ Engineered to deliver consistent ballistic performance in saltwater, high-humidity, and harsh marine environments
- ◊ Integrated flotation system designed to accommodate removable flotation panels that support buoyancy requirements
- ◊ Constructed of durable, high-performing nylon materials
- ◊ Corrosion-resistant materials and hardware
- ◊ Hydrophobic, fast-draining design that sheds water quickly to minimize weight gain and maintain performance after immersion
- ◊ Breathable, moisture-managing mesh interior for improved airflow and moisture wicking
- ◊ Modular load carriage platform for pouch attachment
- ◊ Ergonomic wrap-around cummerbund designed to distribute system weight evenly across the torso to help reduce fatigue
- ◊ Bottom-loading front and rear plate pockets designed for secure and rapid plate access
- ◊ Adjustable shoulders for an improved fit
- ◊ Reinforced drag handle
- ◊ Custom agency ID placard

Options

- ◊ Equipment pouches
- ◊ ID placards

Sizes

- ◊ XS - 2XL

Colors



Black



Coyote



Dark Navy



Wolf Gray



Multi-Cam



Ranger Green



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Buoyancy Performance

The buoyancy compensation system consists of multiple layers of foam encased in a seam sealed ripstop outer shell to provide a minimum of 15 lbs of buoyancy.

Removable buoyancy compensator panel subcomponent. Buoyancy compensator panels must be able to be inserted easily into the outer shell carriers; front and back base vest. The buoyancy compensator panels shall provide a means to prevent raveling and soiling.

Buoyant Foam

The buoyant foam used in the buoyancy compensator panels shall be UL 1191 certified flotation grade, medium density, polyethylene closed cell foam in 1/4" thick sheets. The Front buoyancy compensator panel will be comprised of two (2 to 4) sheets of foam and the back buoyancy compensator panel will be comprised of two (2) sheets of foam. The buoyant foam must meet the

Buoyant Foam Physical Properties

Buoyant Foam Physical Properties	Test Method	1/4" FF2
Physical Properties		
Compression Strength	ASTM D3575-93	4.5
(psi)	Suffix D	12.8
@ 25% / 50%		
Compression Set (%)	ASTM D3575-93	30
	Suffix B	
Tensile Strength (psi)	ASTM D3575-93	50
MD/CMD	Suffix T	25
Elongation (%)	ASTM D3575-93	75
MD/CMD	Suffix T	62
Tear Resistance (lb/in)	ASTM D3575-93	7
MD/CMD	Suffix G	13
Density Range (pcf)	ASTM D3575-93	1.11 – 1.69
Cell Size (mm)	ASTM D3576	1.48
	Modified	
Water Absorption (psf)	ASTM D3575-93	< 0.1
	Suffix L	
Thermal Stability	ASTM D3575-93	< 5%
	Suffix S	
Thermal Conductivity	ASTM C518-91	0.29 – 0.42
(BTU-in/hr-ft ² -F)		
Buoyancy Number (lbs)	UL 1191	59
Retention Factor %		97V/97C



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