



MARITIME ARMOR & WEAPON MOUNT SOLUTIONS



PROTECH[®]
D E F E N S E

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PROTECH Defense specializes in the design and manufacture of high-performance armor systems for air, land, and sea applications.

We serve defense, security, and specialized commercial sectors with solutions that prioritize protection, mobility, and durability in the most demanding operational environments.

By integrating cutting-edge composites, ballistic technologies, and precision manufacturing processes, we deliver armor systems that meet evolving threats while maintaining efficiency and adaptability.

Our commitment to innovation, testing, and customer collaboration ensures that every solution is tailored to enhance survivability and performance.

ARMOR FACILITIES (US)



JACKSONVILLE, FL
131,755 SQFT



DALTON, MA
32,000 SQFT



PEORIA, AZ
127,000 SQFT



ISO 9001:2015

ARMOR CAPABILITIES

Composite Armor Laminating & Processing

- (6) Autoclaves up to 8'X18'
- (4) Hydraulic Presses (2 @ 7,700 Ton)
- Various Gerber cutting systems
- (4) Water-jets



Welding

- MIG and TiG welding for carbon and ballistic steel (MIL-A-46100/HH, UHH), stainless steel, and aluminum.
- AWS D1.1
- TACOM 12479550A Ground Combat Vehicle Welding Code



Design & Engineering

- SolidWorks
- CAMWorks
- AutoCAD



ARMOR SOLUTIONS - MARINE



PROTECH advanced armor systems provide critical protection against ballistic threats while maintaining performance and mission effectiveness.

Designed using state-of-the-art materials and engineering, our armor solutions deliver lightweight, mission-adaptable protection for military, law enforcement, and special mission maritime platforms.

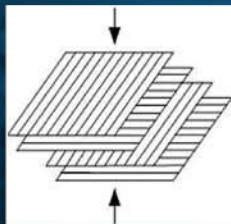
From console to pilothouse, to engine and fuel tank protection, our products are engineered to enhance survivability, increase operational confidence, and support mission success in the most demanding environments.

When protection matters most, our armor systems provide the proven defense needed to keep personnel, aircraft, and critical assets safe.



ARMOR SOLUTIONS

- Lightest weight armor solutions
- Wide range of applique and stand-alone armor systems
- Cost effective solutions built to required performance standards
- Customized to meet weight, cost and performance requirements
- Unaffected by fresh water, saltwater, and UV rays
- In house engineering to support OEM or end user integration
- Mission adaptable to protect Console, Pilothouse, engine, fuel tank, and crew members as applicable



THREAT	ARMOR TYPE	AERIAL DENSITY (Lbs/Ft) [*]
9mm	UHMWPE	.9
5.56X45 NATO	UHMWPE	1.6 – 3
5.56mmX45 M855 (SS109)	UHMWPE or Ceramic Composite	6.5
7.62mmX39 PS Ball	UHMWPE	1.6 – 3.5
7.62mmX51 NATO (M80) Ball	UHMWPE	1.6 – 3.5
7.62mmX54R LPS	UHMWPE	3.5 – 4.5
.30-06 AP M2	Ceramic Composite	7 – 8.7
.50 Ball M2	Ceramic Composite	12.3
.50 AP M2	Ceramic Composite	17.3

*Offered V0, V50, or specified standoffs

WEAPON MOUNTS

- Domestic
 - .50 CAL M2
 - MK19 Grenade Launcher
 - M240/M249
 - MK48
 - M60
 - M240 TWIN
 - SIG 6.8 and 7.62
 - SIG .338
- Foreign
 - DShK
 - PKM
 - NSV



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