



MARRERO
ARMOR

CATALOG

• www.marreroarmor.com

info@marreroarmor.com

Armor We Stand Behind, So You Can Too

Mission. Passion. Commitment.

Established in 2020, Marrero Armor LLC is the continuation of a driven determination shared by the founders to provide the best life saving ballistic equipment possible. Leveraging our experience in ballistic performance, feature design and material sciences, Marrero Armor continues to follow a passion to protect our warriors, both civilian and military, through the development of industry leading ballistic products.

OUR TEAM

Hans Marrero

Co-Founder and CEO

Brian Beckwith

Co-Founder and President



LEVEL IIIA

TACTICAL SHIELD



Our Tactical Shield series is one of the lightest in the industry. The suspension strap handle system gives it perfect balance and a clear 6"x4" viewport may be added. The Tactical Shield series is not intended to stop steel core penetrating or armor piercing steel ammunition.

FEATURES

- **ULTRA LIGHT**
- **ULTRA STRONG**
- **ULTRA AFFORDABLE**
- **EDGE-TO-EDGE PROTECTION**

NIJ 0108.01 Compliant

Test results available upon request

SPECS

- SIZE:** 20" x 30"
- WEIGHT:** 7.4 lbs / 3.36 kg
9.9 lbs w/ viewport
- THINNESS:** 0.3 in / 0.76 cm
- OPTIONS:** 4" x 6" Ballistic Viewport
Tactical Cover

Manufacturing tolerance allows for +/- 5%

LEAD CORE THREATS DEFEATED

- | | |
|-------------------|---------|
| • .44 Magnum SJHP | 240gr |
| • .357 SIG FMJ FN | 125gr |
| • .45 ACP | 230gr |
| • .357 Magnum JSP | 158gr |
| • 9 x 19mm FMJ RN | 124gr |
| • .40 S&W FMJ | 180gr |
| • FN 5.7 x 28mm | 28gr |
| • 12ga slug | 1-1/8oz |





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FEATURES

- **ULTRA LIGHT**
- **ULTRA STRONG**
- **ULTRA AFFORDABLE**
- **EDGE-TO-EDGE PROTECTION**

THREATS DEFEATED

- .30-06 Springfield (LC)
- 7.62 x 51mm (M80 147gr / 2780 ft/s)
- 7.62 x 39mm (Chinese/Russian MSC, LC)
- 5.56 x 45mm (M193 55, 62 & 77gr)
- 5.45 x 39mm MSC
- 300 Win Mag (210gr / 2900 ft/s)
- + all lesser threats

NIJ 0108.01 Compliant

Test results available upon request

SPECS

- SIZE:** 20" x 30"
- WEIGHT:** 15 lbs / 6.8 kg (\pm 5%)
19 lbs w/ viewport
- THINNESS:** 0.87 in / 2.2 cm
- OPTIONS:** - 4" x 6" Ballistic Viewport
- Tactical Cover
- Double Cutout (DCO) or Rectangle shape

Manufacturing tolerance: \pm 5% wt





LEVEL III

Lightweight TACTICAL SHIELD



Protection You Can Rely On

Our Level III "**Lightweight**" composite stand alone hard armor shield provides NIJ Level III protection and is **the lightest shield at this protection level in the industry**. The suspension strap handle system gives it perfect balance and a clear 6"x4" viewport may be added.

This product is not intended to stop hardened steel core penetrating or armor piercing ammunition.

FEATURES

- **LIGHTEST**
- **STRONGEST**
- **THINNEST**
- **MULTI-SHOT**
- **EDGE-TO-EDGE PROTECTION**

NIJ 0108.01 Compliant

Test results available upon request

SPECS

- SIZE:** 20" x 30"
- WEIGHT:** **12.5 lbs** / 5.7 kg
16.5 lbs / 7.5 kg w/ viewport
- THINNESS:** **.8 in** / 2.0 cm
- OPTIONS:** - 4" x 6" Ballistic Viewport
- Tactical Cover
- Double Cutout (DCO) or Rectangle shape

Manufacturing tolerance: $\pm 5\%$ wt

THREATS DEFEATED

- 7.62 x 51mm (M80 147gr / 2780 ft/s)
- 7.62 x 39mm (Chinese/Russian MSC, LC)
- 5.56 x 45mm (M193 55, 62 & 77gr)
- 5.45 x 39mm MSC
- + all lesser threats





TACTICAL SHIELD

WEIGHTS



Our Tactical Shield series is the lightest and most capable pairing of features in the industry. All our shields have a perfect balance and an optional clear 6"x4" viewport.

Our Tactical Shield series is effective against the tested threats listed on our product information sheets.

Note: All weights in lbs, all sizes in inches. All shields in compliance with NIJ Standard 1010.06

	DCO No VP	DCO w/ VP	Rectangle No VP	Rectangle w/ VP
Level IIIA				
20 x 30"	7.4 lbs	9.9	8.2	11
24 x 36	8.2	10.7	9.8	12.7

Level III				
20 x 30"	15 lbs	19	16.7	20.7
LW 20 x 30	12.5	16.5	12.5	16.5
20 x 34	17.3	21.3	19	23
20 x 40	20.8	24.8	22.5	26.5
24 x 36	22.4	26.4	24.1	28.1

** manufacturing weight tolerance +/- 5%



TACTICAL COVER

Our Shield Cover allows you to customize the carry of essential equipment. Complete the mission without the need for interruption by accessorizing the front and back of your Tactical Series shield with the life saving tools you need.



SPECS

- SIZE:** Available for all Level and size shields
- WEIGHT:** 1.4 - 1.6 lbs
- MATERIAL:** 1000 Denier Cordura Nylon with PALS webbing
- OPTIONS:** Custom embroidering

FEATURES

- **PALS webbing to customize the carry of tactical accessories**
- **Adjustable form fitting design to ensure a tight fit**
- **Detachable embroidered viewport covers for storage protection**
- **Heavy-duty material with reinforced stitching**
- **Fits both the LEVEL III and IIIA Tactical Shield**

Did you know?

A behind the scenes look at what makes Marrero Armor shields unique to the industry:

Our shields:

- Are constructed with 100% industry leading Dyneema® unidirectional (UD) material, an Ultra High Molecular Weight Polyethylene (UHMWPE). Dyneema® delivers breakthrough polymer science, next-generation fiber technology and unique unidirectional engineering that delivers an armor solution with unmatched ballistic stopping power.
 - Marrero Armor's trade secret manufacturing formula used in the pressing of our Dyneema® into a shield is what differentiates our armor from all others and is what gives us industry leading stopping power combined with light weight;
- Go far beyond the NIJ minimum requirements and provide multiple hit protection. For Level III, the NIJ standard is to defeat the 7.62x51mm (M80) NATO ball ammunition. The Marrero Armor shield not only stops the M80 and all lesser rifle rounds, it also is effective in defeating Russian and Chinese steel core variants of the AK-47 and the following:
 - .30-06 Springfield (LC)
 - 7.62x39mm (LC and MSC)
 - 5.56x45mm (77gr LC)
- Have a unique Double Cutout (DCO) style that allows for simultaneous use of the viewport, protection for the officer and tactical employment of either a handgun or rifle weapon system;
- Have as an option a 4"x6" clear viewport;
 - Unlike any other Level III viewport, ours is clear with no tint and has a lifetime guarantee against delamination;
- Our larger shields have an additional 2" inches of head protection above the viewport;
- We only use hardened steel and ballistically tested washers and bolts;
- Where necessary, we utilize threaded hardened steel washers that are over-sized to ensure additional protection;
- Our handle is positioned at a distance below the viewport that ensures the viewport is centered on the eye of the operator from the normal carry position;
 - The handle is designed to allow for skeletal support of the shield vice muscular support. An operator can "lock" their carry elbow into the hip to help support the shield and the viewport will be in a useful position. This reduces muscle fatigue and allows for operators to stay in the fight longer;
- Our Tactical Cover accessory is designed to facilitate mission success, is available for all shield levels and sizes and serves two purposes:
 - First, it protects the valuable viewport from scratches when the shield is not in use;
 - Second, it affords the operator an opportunity to "kit up" the shield with mission critical items on both the front and back of the shield so unnecessary pauses can be avoided.



LEVEL IIIA

HARD ARMOR PLATE



NIJ 0101.06 Compliant

Test results available upon request

SPECS

SERIES: 3AHAP
SIZE: 10" x 12"
WEIGHT: .95 lbs / .43 kg
THINNESS: 0.3 in / 0.76 cm
MATERIAL: UHMWPE

Manufacturing tolerance allows for +/- 5%

Our Type IIIA plate exceeds NIJ standards for soft body armor and provides protection from handgun and shotgun rounds in a hard armor form. This ultralight standalone plate is multi-curve for a comfortable fit. Type IIIA plates are not intended to defeat a rifle threat.

FEATURES

- **ULTRA LIGHT**
- **ULTRA STRONG**
- **ULTRA AFFORDABLE**
- **EDGE-TO-EDGE PROTECTION**

LEAD CORE THREATS DEFEATED

- .44 Magnum SJHP 240gr
- .357 SIG FMJ FN 125gr
- .45 ACP 230gr
- .357 Magnum JSP 158gr
- 9 x 19mm FMJ RN 124gr
- .40 S&W FMJ 180gr
- FN 5.7 x 28mm 28gr
- 12ga slug 1-1/8oz





LEVEL III

HARD ARMOR PLATE (HAP)



Protection You Can Rely On

Our Level III composite hybrid plate provides NIJ Level III protection in a comfortable, light and ergonomic fit. Our Level III HAP is not intended to stop steel core, penetrating, incendiary or armor piercing ammunition.

FEATURES

- **MULTI-SHOT**
- **ULTRA LIGHT**
- **ULTRA STRONG**
- **EDGE-TO-EDGE PROTECTION**

THREATS DEFEATED

- .30-06 Springfield (LC)
- 7.62 x 51mm (M80 147gr / 2780 ft/s)
- 7.62 x 39mm (Chinese/Russian MSC, LC)
- 5.56 x 45mm (M193 55, 62 & 77gr)
- 5.45 x 39mm MSC
- 300 Win Mag (210gr / 2900 ft/s)
- + all lesser threats

NIJ 0101.06 Certified

Test results available upon request

SPECS

SERIES:	30102
SIZE:	10 x 12 in / 25 x 30 cm
WEIGHT:	3.1 lbs / 1.4 kg
THINNESS:	1.0 in / 2.54 cm
MATERIAL:	Advanced composite



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LEVEL III

Lightweight HARD ARMOR PLATE (HAP)



NIJ 0101.06 Compliant

Test results available upon request

SPECS

SERIES:	300LW
SIZE:	10 x 12 in / 25 x 30 cm
WEIGHT:	2.4 lbs / 1.09 kg
THINNESS:	0.8 in / 2.0 cm
MATERIAL:	Advanced composite

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Protection You Can Rely On

Our Level III "**Lightweight**" composite stand alone hard armor plate provides NIJ Level III protection and is one of the lightest plates at this protection level in the market.

This HAP is not intended to stop hardened steel core or incendiary ammunition.

FEATURES

- **ULTRA LIGHT**
- **ULTRA THIN**
- **ULTRA STRONG**
- **MULTI-SHOT**
- **EDGE-TO-EDGE PROTECTION**
- 7.62 x 51mm (M80 147gr / 2780 ft/s)
- 7.62 x 39mm (Chinese/Russian MSC, LC)
- 5.56 x 45mm (M193 55, 62 & 70gr)
- 5.45 x 39mm MSC
- + all lesser threats





LEVEL III+

HARD ARMOR PLATE

Exceeds NIJ Standards for LEVEL III, Multi-Shot Special Threat Tested

Our Level III+ ceramic and composite hybrid plate provides a level of protection between Levels III and IV to combat more capable and emerging threats. This plate protects against Armor Piercing (AP) and several steel core variants. Torso and side plates are compatible with all common carriers.

FEATURES

- **ULTRA LIGHT**
- **ULTRA STRONG**
- **ULTRA AFFORDABLE**
- **EDGE-TO-EDGE PROTECTION**
- .30-06 Springfield (LC)
- 7.62 x 51mm (M80)
- 7.62 x 39mm (LC / MSC)
- 5.56 x 45mm (M855 / SS109)
- + all lesser threats



NIJ 0101.06 Compliant

Test results available upon request

SPECS

- SERIES:** 30102 / 30102-S
SIZE: 10 x 12 in / 25 x 30 cm
WEIGHT: 4.5 lbs / 2.04 kg
THINNESS: 0.98 in / 2.5 cm
MATERIAL: Advanced composite / ceramic

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LEVEL IV

HARD ARMOR PLATE



Exceeds NIJ Standards for LEVEL IV, Multi-Shot Special Threat Tested

Our Level IV ceramic and composite hybrid plate provides multi-hit protection against the M2 AP along with protection against other emerging threats. This plate protects against Armor Piercing (AP) and most steel core variants. Torso plates are compatible with all common carriers.

FEATURES

- **MULTI HIT**
- **ULTRA STRONG**
- **ULTRA AFFORDABLE**
- **EDGE-TO-EDGE PROTECTION**
- .30-06 (M2 AP)
- 7.62 x 51mm (AP / M80)
- 7.62 x 39mm (SC / LC)
- 5.56 x 45mm (M855 / SS109)
- + all lesser threats

NIJ 0101.04 Compliant

Test results available upon request

SPECS

- SERIES:** 40101
SIZE: 10 x 12 in / 25 x 30 cm
WEIGHT: 5.95 lbs / 2.7 kg
THINNESS: 1.1 in / 2.79 cm
MATERIAL: Advanced composite / ceramic

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2 - PLATE TACTICAL CARRIER

Our Tactical 2-Plate Carrier is designed for comfort and long-time wear. It holds standard armor plates, has an emergency drag handle, includes quick release buckles and adjustable shoulder straps, a breathable mesh liner, quick adjustment cinching straps and hook and loop guides for the controlled routing of communication or hydration lines.



2 - PLATE SPECS

- **Size:** 32" - 54" waist size
- **Plate capacity:** Two (2) front/back up to 10.25" x 13.25"
- **Available in:** Black, Drab Olive Green, Coyote Tan

FEATURES

- PALS webbing for modular attachments
- Quick release buckles
- Emergency drag handle
- Shoulder pads with hook & loop guides
- Adjustable shoulder straps
- Breathable mesh liner
- Easy access plate pockets



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4 - PLATE TACTICAL CARRIER

Our Tactical 4-Plate Carrier is designed for comfort and long-time wear. It holds standard armor plates in the front, back and sides, has an emergency drag handle, includes quick release buckles and adjustable shoulder straps, a breathable mesh liner, quick adjustment cinching straps and hook and loop guides for the controlled routing of communication or hydration lines.



4 - PLATE SPECS

- **Size:** 32" - 54" waist size
- **Plate capacity:** Four (4)
2 - front/back up to 10.25" x 13.25"
2 - side plates up to 6"x8"
- **Available in:** Black, Drab Olive Green, Coyote Tan

FEATURES

- Adjustable cummerbund with pockets for up to 6"x8" armor plates
- PALS webbing for modular attachments
- Emergency drag handle
- Adjustable shoulder straps
- Shoulder pads with hook & loop guides
- Breathable mesh liner



TACTICAL VEST

The Marrero Armor Tactical Vest is designed for maximum protection, comfort and long-time wear. It holds standard armor plates (torso and side) in addition to NIJ certified soft armor. Our IMPEDOR SERIES IIIA has passed structured FEMALE NIJ certification.



CARRIER FEATURES

- Armor inserts made with lightweight aramid woven or uni-directional material dependent on threat level and end user requirements
- Tested in accordance with US NIJ Standards
- Front and rear external plate pockets
- Reinforced drag strap for emergency extraction
- Waist and shoulder size adjustment
- Flexible, Durable and Low Weight
- Cummerbund load distribution for comfort
- Outer carrier is high quality 1000D, 500D Nylon or 600D Polyester
- Facilitates ventilation & evaporates perspiration
- Computerized tack stitching for maximum strength
- Constructed with high strength nylon thread
- Hook & loop fasteners
- 24 month manufacturer warranty on carrier
- Optional Features:
 - Inner fabric made of high strength 3D spacer mesh
 - Velcro patch on front and back
 - Full MOLLE webbing, front and back
 - Quick-release doffing functionality
 - Neck, biceps and groin protectors

AVAILABLE SOFT ARMOR

FUSION SERIES IIIA

- NIJ 0101.06
- Areal Density: 1.17psf
- Thickness 0.275"
- Flexibility: High
- 3000D Twaron®
Microlam/Twaron® 2-Ply Unidirectional Fabric
- Water Repellent Armor Perimeter (W.R.A.P.™) w/ ultrasonic bonded seal

SPECIAL THREAT TESTING*:

2 grain RCC V50:	3013 fps
4 grain RCC V50:	2545 fps
16 grain RCC V50:	2225 fps
17 grain FSP V50:	2077 fps
.44 Mag V50:	1615 fps
.357 Sig V50:	1735 fps
FN SS197 40 grain V0	
Win SXT 9mm +P+ V0	
7.62x25 Tokarev 85 grain V0	
.357 SIG Win SXT 125 grain V0	
Speer GD .357 Mag V0	

IMPEDOR SERIES IIIA

- NIJ 0101.06
- Areal Density: 0.95psf
- Thickness 0.22"
- Flexibility: Moderate
- 3000D Aramid Microlam / UHMWPE Unidirectional Fabric
- Water Repellent Armor Perimeter (W.R.A.P.™) w/ ultrasonic bonded seal

SPECIAL THREAT TESTING*:

357 SIG V50:	1887 fps
.44 MAG V50:	1696 fps
2 gr RCC V50:	2927 fps
4 gr RCC V50:	2508 fps
16 gr RCC V50:	2245 fps
64 gr RCC V50:	1761 fps
17 gr FSP V50:	2083 fps
9mm 124gr V50:	1698 fps
9mm 124gr GDHP V0:	6-shot Passed
9mm Ranger-T V0:	6-shot Passed
.40 cal Ranger-T V0:	6-shot Passed
FN SS197SR V0:	6-shot Passed
FN SS195LF V0:	6-shot Passed
.44 MAG Hydra-Shok V0:	6-shot Passed
12 guage 1 oz Slug V0:	6-shot Passed
7.62x25, 85gr, Tokarev V0:	6-shot Passed
Abbreviated FBI Protocol:	Passed 4 Panel Sequence

* Special Threat Testing Conducted in accordance with an abbreviated and modified NIJ 0101.06 and AFCE Special Threat Testing Protocol.



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