



**ARMOR PROTECTION
WE STAND BEHIND
SO YOU CAN TOO**

2024 CATALOG



www.marreroarmor.com

info@marreroarmor.com

Armor Protection 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

Industry Leading Attributes

What sets our shields apart from, and above, the rest.

Our shields...

...are constructed of 100% Dyneema® unidirectional (UD) material, a 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 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. Our most capable Level III shield not only defeats the M80 and all lesser rifle rounds, it also is effective in defeating the following special threats:

- 300 Win Mag (LC)
- 6.5 Creedmoor (LC)
- .30-06 Springfield (LC)
- 7.62x39mm (LC and MSC, Chinese and Russian variants)
- 5.56x45mm (M193 up to 77gr)
- 5.45x39mm (MSC)

...offer a unique Double Cutout (DCO) design that allows for simultaneous use of the viewport, protection for the officer and tactical employment of either a handgun or rifle weapon system;

...have an optional 4"x6" clear, NO TINT viewport;

- Uniquely designed by us, our Level III viewport is clear, has no tint and has a lifetime guarantee against delamination;

...in sizes larger than 34" high have an additional 2" inches of head protection above the viewport;

...only utilize hardened steel and ballistically tested washers and bolts;

...have threaded hardened steel washers that are over-sized to ensure ultimate 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;

- This feature allows for skeletal support of the shield vice muscular support, thus reducing muscle fatigue and allowing the operator to stay in the fight longer;

...our Shield Cover is for all shields types and sizes and facilitates mission success in multiple ways:

- First, it protects the valuable viewport from scratches when the shield is not in use;
- Secondly, 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.



MARRERO

ARMOR



LEVEL IIIA

PATROL SHIELD



- Exceeds NIJ Standards for LEVEL III

- Multi-Shot Special Threat Tested

NO TAPERED CUTS!

Unlike others in the industry, we do not taper the cuts on our shields to save weight. We provide the added surface area to maximize your protection.

Our Patrol Shield series is **the lightest in the industry**. The suspension strap handle system, in either the standard straight or optional Tri-Grip angled design, gives it perfect balance and a clear 6"x4" viewport may be added. The Patrol Shield series is not intended to stop steel core penetrating or armor piercing ammunition.

FEATURES

- **ULTRA LIGHT / STRONG / 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 |



NIJ 0108.01 Compliant

Test results available upon request

SPECS

- MODEL:** MA3A (Patrol Series)
SIZES: 20x30 | 20x34 | 24x36 | 24x40
WEIGHT: 7.4 lbs / 3.36 kg (20x30)
9.9 lbs w/ viewport (20x30)
THINNESS: 0.3 in / 0.76 cm
OPTIONS: Double Cutout (DCO) / Rectangle (R) shape
4" x 6" Clear Ballistic Viewport
Tactical Cover
"Tri-Grip" Angled handle
FoxFury Taker B10 or B30 light

Manufacturing tolerance: $\pm 5\%$ wt.



LEVEL III

TACTICAL SHIELD



NIJ 0108.01 Compliant

Test results available upon request

SPECS

- MODEL:** TMA3 (Tactical Series)
SIZES: 20x30 | 20x34 | 20x40 | 24x36 | 24x40 | 22x48
WEIGHT: 15 lbs / 6.8 kg (20x30)
18.3 lbs w/ viewport (20x30)
THINNESS: 0.75 in / 1.9 cm
OPTIONS: Double Cutout (DCO) / Rectangle (R) shape
4" x 6" Clear Ballistic Viewport
Tactical Cover
"Tri-Grip" Angled handle
FoxFury Taker B30 - 1000 lumen light

Manufacturing tolerance: $\pm 5\%$ wt.

- Exceeds NIJ Standards for LEVEL III

- Multi-Shot Special Threat Tested

NO TAPERED CUTS!

Unlike others in the industry, we do not taper the cuts on our shields to save weight. We provide the added surface area to maximize your protection.

Our Level III Tactical Series Shield is one of the lightest in the industry. The suspension strap handle system, in either the standard straight or optional Tri-Grip angled design, gives it perfect balance and a clear 6"x4" viewport may be added. It **protects against certain Armor Piercing (AP) and steel core threats** and provides a level of protection between Levels III and IV to combat more capable and emerging threats.

FEATURES

- **ULTRA LIGHT / STRONG / 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
- + all lesser threats





LEVEL III

LIGHTWEIGHT SHIELD



NIJ 0108.01 Compliant

Test results available upon request

SPECS

- MODEL:** LWMA3 (Lightweight Series)
SIZES: 20x30 | 20x34 | 20x40 | 24x36 | 22x48
WEIGHT: 12.5 lbs / 5.7 kg (20x30)
15.8 lbs / 7.0 kg w/ viewport (20x30)
THINNESS: .56 in / 1.4 cm
OPTIONS: Double Cutout (DCO) / Rectangle (R) shape
4" x 6" Clear Ballistic Viewport
Tactical Cover
"Tri-Grip" Angled handle
FoxFury Taker B30 - 1000 lumen light

Manufacturing tolerance: $\pm 5\%$ wt.

- Exceeds NIJ Standards for LEVEL III

- Multi-Shot Special Threat Tested

NO TAPERED CUTS!

Unlike others in the industry, we do not taper the cuts on our shields to save weight. We provide the added surface area to maximize your protection.

Our NIJ Level III "Lightweight" composite shield is **the lightest shield at this protection level in the industry**. The suspension strap handle system, in either the standard straight or optional Tri-Grip angled design, gives it perfect balance and a clear 6"x4" viewport may be added. The Lightweight series is not intended to stop all penetrating steel core or armor piercing ammunition.

FEATURES

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

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





SHIELD WEIGHTS

Our NIJ 0108.01 compliant Shields are the lightest pounds per square foot (psf) pairings of features and performance in the industry today.

Marrero Armor shields are available in two different shapes, either a Double Cutout or full Rectangle. In either shape there are no tapered cuts at the bottom of the shield - affording the operator maximum protection.



		Double Cutout (DCO)		Rectangle (R)	
		No ViewPort	w/ ViewPort	No ViewPort	w/ ViewPort
Level IIIA / Model MA3A		Patrol Series			
20 x 30	7.4	9.9	8.2	10.7	
20 x 34	7.7	10.2	8.5	11.0	
24 x 36	8.2	10.7	9.2	11.5	
24 x 40	9.2	11.7	10.2	12.5	
Level III / Model LWMA3		Lightweight Series			
20 x 30	12.5	15.8	13.9	17.2	
20 x 34	14.3	17.6	15.7	19.0	
20 x 40	16.0	19.3	17.4	20.7	
24 x 36	17.0	20.3	18.4	21.7	
Level III / Model TMA3		Tactical Series			
20 x 30	15.0	18.3	16.7	20.0	
20 x 34	17.2	20.5	18.9	22.2	
20 x 40	20.5	23.8	22.2	25.6	
24 x 36	22.0	25.3	24.0	27.3	
24 x 40	26.0	29.3	28.0	31.3	
22 x 48	27.5	30.8	29.3	32.6	

Note: All weights in lbs, all sizes in inches. Manufacturing weight tolerance +/- 5%



**MARRERO
ARMOR**

TACTICAL COVER

Our Tactical Shield Cover allows you to customize the carry of mission essential equipment. Avoid critical delays and have peace of mind knowing the tools of the trade you need are with you.

Accessorize the front and back of your shield with life saving tools.



SPECS

MODEL: MAC
SIZES: 20x30 | 20x34 | 20x40 | 24x36 | 24x40 | 22x48
WEIGHT: 1.5 lbs (20x30)
MATERIAL: 1000 Denier Cordura Nylon with PALS webbing
OPTIONS: Embroidering: "POLICE" | "SHERIFF" | Custom

FEATURES

- **PALS webbing on the front and back to customize the carry of tactical accessories**
- **Form fitting design to ensure a secure fit**
- **Detachable embroidered viewport covers for storage and protection of shield and viewport**
- **Heavy-duty material with reinforced stitching**
- **Fits both the LEVEL III and IIIA Shields for any size**



SHIELD LIGHTS

Adaptive. Reliable. Innovative.

Marrero Armor proudly offers FoxFury® Lighting Solutions to compliment all our ballistic shields.

When mounted with our Tactical Cover:

- Wires are concealed
- Optional custom pouch houses the battery pack
- Location of light is operator determined
- Location of battery pouch is operator determined

Put things where you think they make tactical sense!

Don't settle for a light in the middle of your shield that acts as a bullet magnet!

Affix a FoxFury® TAKER B10 or B30 light to our Tactical Shield Cover or directly to the shield. Avoid critical delays and have peace of mind knowing the tools of the trade you need are with you.

FoxFury® light use premium materials and are engineered to thrive in worst case scenarios, including all weather and under water conditions.



TAKER B30

MODEL: 480-331

P/N: FFTB30

LUMENS: 1000



TAKER B10

MODEL: 940K-010S

P/N: FFTB10

LUMENS: 490



Modes of operation: MOMENTARY, HIGH, LOW, TURBO-STROBE™:

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MARRERO

ARMOR

Industry Leading Attributes

Why our hard armor plates are above the rest.

Our Hard Armor Plates (HAP)...

...far exceed the multi-hit ballistic requirements for both NIJ Standards 0101.06 and the upcoming 0101.07 which changes armor classifications, test methods and test threats;

...are constructed of 100% Dyneema® unidirectional (UD) materials, a 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 is what differentiates our armor from all others and is what gives us industry leading stopping power combined with light weight;

...incorporate proprietary ballistic foam for ultimate protection and comfort;

...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. Our most capable Level III plate not only defeats the M80 and all lesser rifle rounds, it is also effective in defeating the following special threats:

- 300 Win Mag (LC)
- 6.5 Creedmoor (LC)
- .30-06 Springfield (LC)
- 7.62x39mm (AK-47 LC and MSC, Chinese and Russian variants)
- 5.56x45mm (M193 up to 77gr)
- 5.45x39mm (AK-74 MSC)

...are pressed in an ergonomic multi-curve shape that conforms to the torso for maximum comfort;

...have industry leading V50 threat velocities:

- During NIJ certification testing, armor panels are subjected to "V50" testing. This is a velocity whereby a given threat type will fully penetrate the armor panel 50% of the time. The higher the V50 velocity, the more protection the plate gives;

...are available in sizes:

- Torso: 10"x12", 8"x10"
- Side: 6"x6"



LEVEL IIIA

HARD ARMOR PLATE (HAP)



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**

NIJ 0101.06 Compliant

Test results available upon request

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 |

SPECS

MODEL: MA3A-HAP
P/N: 3AHAP
SIZE: 10" x 12"
WEIGHT: .95 lbs / .43 kg
THINNESS: 0.3 in / 0.76 cm
MATERIAL: UHMWPE

Manufacturing tolerance allows for +/- 5%

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LEVEL III

HARD ARMOR PLATE (HAP)



NIJ 0101.06 Compliant

Test results available upon request

SPECS

MODEL: MA3-HAP
P/N: 300HAP
SIZES: Torso: 10x12 | 8x10 multi-curve
Side: 6x6 single curve
WEIGHT: 3.1 lbs / 1.4 kg (10x12)
THINNESS: 1.0 in / 2.54 cm
MATERIAL: Advanced composite

Protection You Can Rely On

Our NIJ compliant Level III composite hybrid plate provides superior protection in a comfortable, light and ergonomic fit. Our Level III HAP is not intended to stop all steel core, penetrating, incendiary or armor piercing ammunitions, only those specified below .

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)
- 6.5 Creedmoor (140gr SP)
- + all lesser threats





LEVEL III

Lightweight HARD ARMOR PLATE (HAP)



NIJ 0101.06 Compliant

Test results available upon request

SPECS

MODEL: MA3-LWHAP
P/N: 300LW
SIZES: Torso: 10x12 | 8x10 multi-curve
Side: 6x6 single curve
WEIGHT: 2.2 lbs / 1.0 kg
THINNESS: 0.8 in / 2.0 cm
MATERIAL: Advanced composite

Protection You Can Rely On

Our Level III "**Lightweight**" composite stand-alone hard armor plate provides NIJ Level III protection and is **the lightest psf plate at this protection level on the market.**

This HAP is not intended to stop all penetrating steel core or armor piercing ammunitions, only those specified below.

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 up to 77gr)
- 5.45 x 39mm (MSC)
- + all lesser threats





RF 2

HARD ARMOR PLATE (HAP)



NIJ 0101.06/7 Compliant

Test results available upon request

SPECS

MODEL: MA3-RFHAP
P/N: RF2001
SIZES: Torso: 10x12 multi-curve
WEIGHT: 4.1 lbs / 1.0 kg
THINNESS: 1.0 in / 2.54 cm
MATERIAL: Advanced composites

Protection You Can Rely On

Our stand-alone RF2 Level III+ composite hard armor plate provides NIJ 0101.07 RF2 protection and is **the lightest psf plate at this protection level on the market.**

This HAP is not intended to stop all penetrating steel core or armor piercing ammunitions, only those specified below.

FEATURES

- **MULTI-SHOT**
 - **ULTRA LIGHT**
 - **ULTRA STRONG**
 - **EDGE-TO-EDGE PROTECTION**
- 5.56 x 45mm (M855 62gr / 3115 ft/s)
 - 7.62 x 51mm (M80 147gr / 2780 ft/s)
 - 7.62 x 39mm (Chinese/Russian MSC / 2400 ft/s)
 - 5.56 x 45mm (M193 up to 77gr / 3250 ft/s)
 - 5.45 x 39mm (MSC)
 - + all lesser threats





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ARMOR

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

- **MODEL:** MA-2PTC
- **P/N:** TPC02
- **Size:** 32" - 54" waist size
Adjustable shoulder
- **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
- Wire routing loops
- 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

- **MODEL:** MA-4PTC
- **P/N:** TPC02
- **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" x 8"
- **Available in:** Black, Drab Olive Green,
Coyote Tan

FEATURES

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



SOFT ARMOR VESTS & CARRIERS

Get in touch with us at info@marreroarmor.com to discuss your custom soft armor needs and we will work to deliver your perfect solution.

Our NIJ certified Type II and IIIA soft armor solutions provide everything from a completely covert solution to the most tactical outer carrier available complete with accessories like throat, groin and bicep protection. We also offer backpack inserts.

We have models that hold armor plates (torso and side) and our IMPEDOR SERIES IIIA has passed structured FEMALE NIJ certification.

Our vests and carriers are designed for maximum protection, comfort and long-time wear and carry a 2-year warranty. All soft armor carries a 5-year warranty.

AVAILABLE SOFT ARMOR MODELS

FUSION SERIES

- NIJ 0101.06 Level II and IIIA
- 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

IMPEDOR SERIES

- NIJ 0101.06 Level II and IIIA
- 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



**Armor Protection We Stand Behind,
So You Can Too**



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