



**MARRERO**  
**ARMOR**

# CATALOG

# **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

# Industry Leading Attributes

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

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### 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.



# LEVEL IIIA

## PATROL SHIELD



Our Patrol 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 ammunition.

### 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 |



### NIJ 0108.01 Compliant

Test results available upon request

### SPECS

- SERIES:** MA3A
- SIZES:** 20x 30 | 24x36 | 24x40
- WEIGHT:** 7.4 lbs / 3.36 kg (20x30)  
9.9 lbs w/ viewport (20x30)
- THINNESS:** 0.3 in / 0.76 cm
- OPTIONS:** 4" x 6" Ballistic Viewport  
Tactical Cover

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



# LEVEL III

## TACTICAL SHIELD



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

Our Level III+ Tactical Shield 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. It **protects against certain Armor Piercing (AP) and steel core threats**. It provides a level of protection between Levels III and IV to combat more capable and emerging threats.

### FEATURES

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

### NIJ 0108.01 Compliant

Test results available upon request

### SPECS

<b>SERIES:</b>	<b>MA3</b>
<b>SIZE:</b>	20x30   20x34   24x36 20x40   24x40
<b>WEIGHT:</b>	15 lbs / 6.8 kg (20x30) 19 lbs w/ viewport (20x30)
<b>THINNESS:</b>	.87 in / 2.2 cm
<b>OPTIONS:</b>	- 4" x 6" Ballistic Viewport - Tactical Cover - Double Cutout (DCO) or Rectangle shape

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

### 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





# LIGHT WEIGHT LEVEL III TACTICAL SHIELD



## Protection You Can Rely On

Our Level III **"Light Weight"** composite, stand-alone, 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 all penetrating steel core or armor piercing ammunition.

## FEATURES

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

## NIJ 0108.01 Compliant

Test results available upon request

## SPECS

- SERIES:** LWMA3  
**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





# SHIELD WEIGHTS



Our NIJ 0108.01 compliant Shields are some of the lightest pairings of features and performance in the industry today. All our shields have a perfect balance and an optional clear 6"x4" viewport (VP).

	Double Cutout (DCO)		Rectangle (R)	
	No ViewPort	w/ ViewPort	No ViewPort	w/ ViewPort
<b>Level IIIA Patrol Series</b>				
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
<b>Level III Lightweight Series</b>				
20 x 30	12.5	16.5	13.9	17.9
20 x 34	14.3	18.3	15.7	19.7
20 x 40	16.0	20.0	17.4	21.4
24 x 36	17.0	21.0	18.4	22.4
<b>Level III Tactical Series</b>				
20 x 30	15	19	16.7	20
20 x 34	17.2	21.2	18.9	24
20 x 40	20.6	24.6	22.2	26.2
24 x 36	22	25.3	24	27.3
24 x 40	26	29.3	28	31.3
22 x 48	27.5	31.5	29.3	33.3

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



# 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 Tactical or Patrol Series shield with life saving tools.



## SPECS

- SIZES:** 20x30 | 20x34 | 24x36  
20x40 | 24x40
- WEIGHT:** 1.4 / 1.6 lbs (20x30)
- MATERIAL:** 1000 Denier Cordura Nylon  
with PALS webbing
- OPTIONS:** Embroidering:  
"POLICE" | "SHERIFF" | Custom

## 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 Shields**



# SHIELD LIGHTS

**Adaptive, Reliable, Innovative.**

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

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

FoxFury® Lighting Solutions creates professional-grade, high-end lighting tools for users who, when seconds count and lives are on the line, need to get their job done quickly and safely.

FoxFury® uses premium materials and the latest technology and are engineered to thrive in worst case scenarios, including all weather and under water conditions.

BALLISTIC



**TAKER B10**  
490 LUMENS

Most adaptive ballistic shield light for top & side-mounted use

#### FEATURES

- Attach multiple B10s on one shield for tactical advantage
- Turbo-Strobe™ mode
- Retrofits most ballistic shields
- (1) 18650 battery or (2) CR123 batteries | 1.5 - 4 hours



**TAKER B30**  
1000 LUMENS

Our lowest profile, front-mounted, ballistic shield light

#### FEATURES

- Replaceable lens in case of damage
- Turbo-Strobe™ mode
- Heavy-duty braided cable
- Retrofits most ballistic shields
- (2) 18650, (4) CR123 or (4) RCR123 batteries | 2.5 - 4 hours

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

# Industry Leading Attributes

## Why our hard armor plates are above the rest.

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### 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 also is 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"x8", 6"x6".



# LEVEL IIIA

## HARD ARMOR PLATE



### NIJ 0101.06 Compliant

Test results available upon request

### SPECS

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

Manufacturing tolerance allows for +/- 5%

[www.marreroarmor.com](http://www.marreroarmor.com)

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 |



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# LEVEL III

## HARD ARMOR PLATE (HAP)



### NIJ 0101.06 Certified

Test results available upon request

### SPECS

<b>SERIES:</b>	<b>MA3-HAP</b>
<b>MODEL:</b>	<b>30102</b>
<b>SIZE:</b>	10x12   8x10   6x6
<b>WEIGHT:</b>	3.1 lbs / 1.4 kg (10x12)
<b>THINNESS:</b>	1.0 in / 2.54 cm
<b>MATERIAL:</b>	Advanced composite

### Protection You Can Rely On

Our NIJ certified Level III composite hybrid plate provides superior 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)
- 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

<b>SERIES:</b>	<b>300LW</b>
<b>SIZE:</b>	10 x 12 in / 25 x 30 cm
<b>WEIGHT:</b>	<b>2.2 lbs</b> / 1.0 kg
<b>THINNESS:</b>	<b>0.8 in</b> / 2.0 cm
<b>MATERIAL:</b>	Advanced composite

### 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 on the market.

This HAP is not intended to stop all penetrating steel core or armor piercing 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 up to 77gr)
- 5.45 x 39mm MSC
- + all lesser threats





# 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



# 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, rear and side plate pockets
- Reinforced drag strap for emergency extraction
- Waist and shoulder size adjustment
- Flexible, Durable and Low Weight
- Cumberbund 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 AFCEI Special Threat Testing Protocol.





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So You Can Too**