

# SOFT ARMOR

Model : VINTAC ▶  
#V-INTAC



# Marrero Soft Armor Attributes

**What sets our soft armor apart from, and above, the rest?**

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**Beside the superior ballistics, we have shipped every soft armor order within 30 days of receipt of purchase order!**

**Marrero Armor's soft armor solutions provide extreme stopping power combined with lightweight and flexible panels for extreme comfort.**

## **Our Special Threat Handgun Rated Soft Armor...**

...is available in two model types, all NIJ CPL listed:

- FUSION, HG1/Lvl II, Model No. AFC-T2: 0.89 psf aerial density, .21" thick, High flexibility,
- FUSION, HG2/Lvl IIIA, Model No. AFC-T3A: 1.17 psf aerial density, .275" thick, High flexibility,
- IMPEDOR, HG1/Lvl II, Model No. AFC-KB2: 0.68 psf aerial density, .18" thick, Moderate flexibility,
- IMPEDOR, HG2/Lvl IIIA, Model No. AFC-KB3A: 0.95 psf aerial density, .22" thick, Moderate flexibility;
- IMPEDOR, HG1/Lvl II & HG2/Lvl IIIA, Models No. AFC-KB2F/KB3AF (**Female**): 0.68/0.95 psf aerial density, .18/.22" thick, Moderate flexibility;
  - structured **female models that have passed NIJ compliance testing.**

...far exceeds the multi-hit ballistic requirements for both NIJ Standards 0101.06 and the upcoming 0101.07;

...is constructed with some of the most advanced ballistic protection materials available;

...is interchangeable with various carriers. As your mission dictates, covert or up-armored, go with the same soft armor panels in your carrier of choice;

...has 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 better engineered and more protective is the plate.

...utilizes a patented W.R.A.P™ water repellent armor perimeter with an ultrasonically bonded protective seal (Patent No.: 10,317,175 B2) and a Brookwood 70D laminated polyurethane protective cover;

...is available in sizes XS through XXXL, template sizes NIJ C1 through C5;

# SOFT ARMOR

Our NIJ certified and CPL listed soft armor is available in HG1 / II and HG2 / IIIA levels of protection from a concealed solution to a full tactical outer carrier with accessories for neck, biceps and groin.

We offer differing styles of soft armor that come in varying degrees of protection, thicknesses and flexibility depending on your personal or Agency needs.

Our IMPEDOR SERIES HG2 / IIIA soft armor model has passed structured Female NIJ compliance testing.

**If you don't see exactly what you need, no problem!**

**Get in touch with us at [info@marreroarmor.com](mailto:info@marreroarmor.com) to customize your perfect solution.**



## FUSION SERIES

### Level HG1/II:

- Areal Density: 0.89 psf
- Thickness: 0.21"
- Flexibility: High

### Level HG2/IIIA:

- Areal Density: 1.17 psf
- Thickness: 0.275"
- Flexibility: High

## IMPEDOR SERIES

### Level HG1/II:

- Areal Density: 0.68 psf
- Thickness: 0.18"
- Flexibility: Moderate

### Level HG2/IIIA:

- Areal Density: 0.95 psf
- Thickness: 0.22"
- Flexibility: Moderate

## FEATURES

- 5-year manufacturer warranty on soft armor
- LYCOS and MANTIS shaped soft armor panels are interchangeable with other LYCOS and MANTIS cut carriers;
  - The difference between MANTIS and LYCOS is in the cut/shape of the back soft armor panel. LYCOS back panel has a deeper cut at the top of the panel.
- Standard or Laser cut PALS webbing
- Internal plate pockets
- Front zipper, quick release, or Velcro® opening for easy donning / doffing
- High flexibility and low weight
- Durable Nylon or Polyester with high strength thread
- Inner fabric made of high strength 3D spacer mesh
- High strength hook & loop fasteners
- 2-year manufacturer warranty on carriers
- Available colors: BK-Black | RG-Ranger Green | DN-Dark Navy | CAM-Camouflage

## BALLISTIC PERFORMANCE

### FUSION SERIES



#### SPECIAL THREAT TESTING:

- 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
- 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

### IMPEDOR SERIES



#### SPECIAL THREAT TESTING:

- 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
- 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
- Abbreviated FBI Protocol: Passed 4 Panel Sequence

# SOFT ARMOR

## CARRIERS

### The Tactical Outer Vest

P/N: V-INTAC

- Fully adjustable Velcro® shoulders
- NIJ certified Level HG1/II or HG2/IIIA soft armor panels
- High strength hook & loop fasteners
- Optional throat, bicep and/or groin assembly
- Provides for quick plate insertion/removal - up to SAPI Lg
- Built-in side protection plate pockets - up to 6"x8"
- Large Velcro ID patch area
- Fully adjustable front cummerbund
- Reinforced large officer down strap
- Helmet profiled neck protection
- Interchangeable panels with other series of carriers



Ensure complete coverage with the **Throat** accessory



Increase your coverage and maintain mobility with the **Bicep** accessory



Protect the femoral artery and pelvic triangle with the **Groin** accessory



# SOFT ARMOR

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## CARRIERS

### The "Phenom" Tactical Vest

P/N: PHENOM



- The name says it all! A "**Phenomenal**" vest/carrier system!
- NIJ certified Level HG1/II or HG2/IIIA soft armor panels
- Ambidextrous Quick Release system
- Adjustable padded shoulder straps
- Available with either FUSION or IMPEDOR soft armor inserts
- Comes complete with Velcro®, 2 x comm pouches, 2 x cummerbund magazine holders, 3 mag pouch
- Plate insert pockets, front and back
- Laser cut PALS made of durable material
- 3D spacer mesh inner fabric keeps you cool
- High strength hook & loop fasteners
- Will integrate with Throat, Bicep and Groin accessories
- Interchangeable panels with other series of carriers



Ensure complete coverage with the **Throat** accessory



Increase your coverage and maintain mobility with the **Bicep** accessory



Protect the femoral artery and pelvic triangle with the **Groin** accessory



### The "GTAC" Series

P/N: V-GTAC-Z



- The perfectly blended solution between tactical and uniform
- NIJ certified Level HG1/II or HG2/IIIA soft armor panels
- Standard with PALS webbing, front and back
- Front and rear internal plate pockets
- Front opening zipper for easy donning / doffing
- High flexibility and low weight
- Durable Nylon or Polyester with high strength thread
- Front and rear internal plate pockets
- High flexibility and low weight
- Optional: Inner fabric made of high strength 3D spacer mesh
- Interchangeable panels with other series of carriers

# SOFT ARMOR

## CARRIERS



### Uniform Outer Carrier (UOC)

P/N: V-UOC (shown)

- Personalize the look and functionality of your UOC carrier
- Available with or without PALS webbing, front and back
- Available with front Zipper/Velcro® or side Velcro openings
- Available in either Nylon or Polyester with high strength thread
- Front and rear internal plate pockets
- Customized features available
- Interchangeable panels with other series of carriers
- High flexibility and low weight
- Optional: 3D spacer mesh inner fabric keeps you cool

### Concealable Vest

P/N's: V-MANTIS (shown) / V-LYCOS\*

- NIJ Level HG1/II or HG2/IIIA soft armor panels
- Dual plate pocket for 5x7 to 8x10 trauma inserts
- Interchangeable panels with other series of carriers
- Adjustable side and top Velcro® fastenings for a tailored fit
- Large straps for a secure hold and adjustable shoulders
- High flexibility and low weight soft armor panels

\* The difference between MANTIS and LYCOS is in the cut/shape of the soft armor panel only. The LYCOS back panel has a deeper cut for the neck at the top of the panel.



# Marrero ICW

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## COMPOSITE SOLUTION

**How do you make our Carrier Plate better? Combine it with our NIJ Certified Soft Armor!**

**Start with....**Our Soft Armor:

- Our NIJ CPL Listed Level II or IIIA soft armor - both work!
- 5-year warranty
- Effective at stopping threats up to .44 MAG



**Then add....**Our Carrier plate:

- Our NIJ CPL Listed Level III HAP - only without the foam!
- 10-year warranty | 2 lbs | .5" thick
- Effective at stopping threats up to 180gr 30-06!



**And you get this** against the 7.62x39mm MSC Type 56 & M193:

Ballistic Evaluation Data								
Shot #	Proj. Wt (gr)	Pwdr Wt (gr)	V2 (ft/s)	Vavg (ft/s)	Obliq. (°)	Result	BFD (mm)	Shot Location
1	122.4	31.6	2427.17	2426.98	0	SIP	22.60	TL
2	122.4	31.6	2423.06	2422.05	0	SIP	26.80	BR
3	122.4	31.6	2434.59	2434.16	0	SIP	N/A	CROWN
4	55.2	24.0	3220.22	3223.80	0	SIP	15.47	
5	55.2	24.0	3223.12	3223.55	0	SIP	17.35	
6	55.2	24.0	3234.03	3233.77	0	SIP	N/A	

- 30-06 Springfield (180gr JSP / 2727 fps)
- 7.62 x 54R (148gr FMJ / 2810 ft/s)
- 7.62 x 51 (147gr M80 / 2780 ft/s)
- 6.5 Creedmoor (156gr SP / 2429 ft/s)
- 7.62 x 39 (123gr MSC, LC)
- 5.56 x 45 (77gr M193)
- 5.45 x 39 (53gr 7N6 SC)
- + all lesser threats



Made in USA

MARREROARMOR.COM / INFO@MARREROARMOR.COM



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

