



# ARMOR

CATALOG



ISO 9001:2015 REGISTERED



# MISSION:

AFCI is a South Florida based corporation offering a unique combination of both hard and soft armor private label manufacturing using a true small business, family-oriented culture whereby we produce quality life-saving products at competitive prices and in a timely manner. At AFCI, we don't just manufacture a protective garment, we dedicate our lives to saving lives. Our primary focus is Protecting Heroes.

# VISION:

We aspire to become the premier global OEM/Private Label manufacturer of choice for those tactical products companies that outsource all of their soft AND hard armor needs. Customer satisfaction is our hallmark. Protecting heroes is our duty and passion. Our core values include:

- + Exemplary quality and service
- + Innovative armor solutions
- + Competitive prices
- + Unparalleled reliability

We will be the "One-Stop Shop" for OEM body armor – All In. These are the values we bring to our customers – guaranteed.

**Alex F. Cejas**  
Founder and President/CEO





**“ONE-STOP SHOP”  
FOR OEM BODY ARMOR  
— ALL IN.**



# FUSION SERIES

# II

MODEL NUMBER: **AFC-T2-959**

**NIJ 0101.06**

**SOFT ARMOR SOLUTIONS**

## THREAT



- AD** AREAL DENSITY: 0.89 psf

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- T** THICKNESS: 0.21"

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- F** FLEXIBILITY: High

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- S** TEMPLATE SIZES: NIJ C-1 through NIJ C-5
- PA** **PRODUCT APPLICATION:**  
Concealable Body Armor, External Carriers, Plate Carriers, and Tactical Body armor
- M** **TYPE OF MATERIALS:**  
500D Twaron® Plain Weave  
Twaron® 4-Ply Unidirectional Fabric
- C** **TYPE OF CONSTRUCTION:**  
W.R.A.P.™ – Water Repellent Armor Perimeter (Patent Pending)
- PC** **TYPE OF PROTECTIVE COVER:**  
Brookwood 70D with Laminated Polyurethane
- PS** **TYPE OF PROTECTIVE SEAL:**  
Sonobond Ultrasonic Bond
- SG** **AVAILABLE SHAPES AND GRADES:**  
Available in ALL vest patterns as well as OEM Armor Specifications
- ST** **SPECIAL THREAT TESTING\*:**  
9mm V50: 1699 fps  
.357 Mag V50: 1632 fps  
FN SS197 40 grain V0  
Win SXT 9mm +P+ V0  
7.62x25 Tokarev 85 grain V0  
.357 SIG Win SXT 125 grain V0  
Corbon 9mm +P 90 grain V0

DEPARTMENT OF STATE ITAR / EAR: THIS DATA SHEET IS FOR AN EXPORT CONTROLLED PRODUCT. THE EXPORT OF TECHNICAL INFORMATION RELATED TO THIS PRODUCT IS GOVERNED BY THE U.S. DEPARTMENT OF STATE INTERNATIONAL TRADE IN ARMS REGULATIONS (ITAR) OR THE DEPARTMENT OF COMMERCE EXPORT ADMINISTRATION REGULATIONS (EAR). THIS INFORMATION MUST NOT BE TRANSMITTED TO A FOREIGN PERSON/ENTITY WITHOUT PROPER AUTHORIZATION OF THE U.S. GOVERNMENT. VIOLATIONS MAY RESULT IN ADMINISTRATIVE, CIVIL, OR CRIMINAL PENALTIES. ITAR/EAR EXPORT LICENSES AND ITAR/EAR BROKERING AUTHORIZATION (AS APPROPRIATE) WILL BE REQUIRED PRIOR TO SUBMITTAL OF ANY FURTHER TECHNICAL INFORMATION AND/OR SHIPMENT OF SAMPLES AND/OR PRODUCTS.

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



# FUSION SERIES

# IIIA

MODEL NUMBER: **AFC-T3A-525**

NIJ 0101.06

## THREAT



- AD** AREAL DENSITY: 1.17 psf

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- T** THICKNESS: 0.275"

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- F** FLEXIBILITY: High

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- S** TEMPLATE SIZES: NIJ C-1 through NIJ C-5
- PA** **PRODUCT APPLICATION:**  
Concealable Body Armor, External Carriers, Plate Carriers, and Tactical Body armor
- M** **TYPE OF MATERIALS:**  
3000D Twaron® Microlam  
Twaron® 2-Ply Unidirectional Fabric
- C** **TYPE OF CONSTRUCTION:**  
W.R.A.P.™ – Water Repellent Armor Perimeter (Patent Pending)
- PC** **TYPE OF PROTECTIVE COVER:**  
Brookwood 70D with Laminated Polyurethane
- PS** **TYPE OF PROTECTIVE SEAL:**  
Sonobond Ultrasonic Bond
- SG** **AVAILABLE SHAPES AND GRADES:**  
Available in ALL vest patterns as well as OEM Armor Specifications
- ST** **SPECIAL THREAT TESTING\*:**  
2 grain RCC V50: 3013 fps    FN SS197 40 grain VO  
4 grain RCC V50: 2545 fps    Win SXT 9mm +P+ VO  
16 grain RCC V50: 2225 fps    7.62x25 Tokarev 85 grain VO  
17 grain FSP V50: 2077 fps    .357 SIG Win SXT 125 grain VO  
.44 Mag V50: 1615 fps        Speer GD .357 Mag VO  
.357 Sig V50: 1735 fps

**SOFT ARMOR SOLUTIONS**

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# IMPEDOR SERIES

USA  
MADE



MODEL NUMBER: **AFC-KB2-214** (Certified NIJ STD 0101.06)  
**AFC-KB2-214F-214 (Female)**

NIJ 0101.06

## THREAT



- AD** AREAL DENSITY: 0.68 psf
- T** THICKNESS: 0.18"
- F** FLEXIBILITY: Moderate
- S** TEMPLATE SIZES: NIJ C-1 through NIJ C-5
- PA** PRODUCT APPLICATION:  
Concealable Body Armor, External Carriers,  
Plate Carriers, and Tactical Body armor
- M** TYPE OF MATERIALS:  
3000D Aramid Microlam  
UHMWPE Unidirectional Fabric
- C** TYPE OF CONSTRUCTION:  
W.R.A.P.™ – Water Repellent Armor Perimeter  
(Patent No.: 10,317,175 B2)
- PC** TYPE OF PROTECTIVE COVER:  
Brookwood 70D with Laminated Polyurethane
- PS** TYPE OF PROTECTIVE SEAL:  
Sonobond Ultrasonic Bond
- SG** AVAILABLE SHAPES AND GRADES:  
Available in ALL vest patterns as well as OEM  
Armor Specifications
- ST** SPECIAL THREAT TESTING\*:  
TBD



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# IMPEDOR SERIES

# IIIA

USA  
MADE

MODEL NUMBER: **AFC-KB3A-318**  
**AFC-KB3AF-318** (Structured FEMALE)

NIJ 0101.06

## THREAT



- AD** AREAL DENSITY: 0.95 psf
- T** THICKNESS: 0.22"
- F** FLEXIBILITY: Moderate
- S** TEMPLATE SIZES: NIJ C-1 through NIJ C-5
- PA** PRODUCT APPLICATION:  
Concealable Body Armor, External Carriers,  
Plate Carriers, and Tactical Body armor
- M** TYPE OF MATERIALS:  
3000D Aramid Microlam  
UHMWPE Unidirectional Fabric
- C** TYPE OF CONSTRUCTION:  
W.R.A.P.™ – Water Repellent Armor Perimeter  
(Patent No.: 10,317,175 B2)
- PC** TYPE OF PROTECTIVE COVER:  
Brookwood 70D with Laminated Polyurethane
- PS** TYPE OF PROTECTIVE SEAL:  
Sonobond Ultrasonic Bond
- SG** AVAILABLE SHAPES AND GRADES:  
Available in ALL vest patterns as well as OEM  
Armor Specifications
- ST** SPECIAL THREAT TESTING\*:  
.357 SIG V50: 1887 fps    9mm 124gr GDHP V0: 6-shot Passed  
.44 MAG V50: 1696 fps    9mm Ranger-T V0: 6-shot Passed  
2 gr RCC V50: 2927 fps    .40 cal Ranger-T V0: 6-shot Passed  
4 gr RCC V50: 2508 fps    FN SS197SR V0: 6-shot Passed  
16 gr RCC V50: 2245 fps    FN SS195LF V0: 6-shot Passed  
64 gr RCC V50: 1761 fps    .44 MAG Hydra-Shok V0: 6-shot Passed  
17 gr FSP V50: 2083 fps    12 guage 1 oz Slug V0: 6-shot Passed  
9mm 124gr V50: 1698 fps    7.62x25, 85gr, Tokarev V0: 6-shot Passed  
Abbreviated FBI Protocol: Passed 4 Panel Sequence



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# SPIKE TRIDENT SERIES

# 1

MODEL NUMBER: **AFC-S1-T10**

NIJ 0115.00



- TL** NIJ THREAT LEVEL: **SPIKE 1**

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- W** WEIGHT: **.44** LBS/FT

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- T** THINNESS: **.11"** (2.7 mm)

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- L** LAYER COUNT: 10

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- B** BALLISTIC MATERIAL: Twaron Microflex

# SPIKE TRIDENT SERIES

# 2

MODEL NUMBER: **AFC-S2-T12**

NIJ 0115.00



- TL** NIJ THREAT LEVEL: **SPIKE 2**

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- W** WEIGHT: **.53** LBS/FT

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- T** THINNESS: **.12"** (3.0 mm)

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- L** LAYER COUNT: 12

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- B** BALLISTIC MATERIAL: Twaron Microflex

# SPIKE TRIDENT SERIES

# 3

MODEL NUMBER: **AFC-S3-T14**

NIJ 0115.00



- TL** NIJ THREAT LEVEL: **SPIKE 3**

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- W** WEIGHT: **.62** LBS/FT

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- T** THINNESS: **.16"** (4.1 mm)

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- L** LAYER COUNT: 14

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- B** BALLISTIC MATERIAL: Twaron Microflex



# PLATES

HARD ARMOR SOLUTIONS

TRAUMA PLATES + LEVEL III AND IV PLATES  
STAND-ALONE SOLUTIONS



- + IIIA trauma Plates
- + 5x7 | 5x8 | 6X8 | 7X9 | 8X10 | 10X12
- + III+ SA Rifle Threat Plate
- + IV SA Rifle Threat Plate



# MAC

# III



MODEL NUMBER: **AFC-RF2-3CE**

**NIJ 0101.06**



**HARD ARMOR SOLUTIONS**



**L** NIJ CERTIFIED: 7.62 x 51 M80 BALL

**T** THICKNESS: 1.1"

**W** WEIGHT: 5.4 lbs

**S** SIZE: 10" x 12"

**PA** **PRODUCT APPLICATION:**  
Concealable Body Armor, External Carriers,  
Plate Carriers, and Tactical Body armor

**M** MULTI-HIT

**ST** **NIJ SPECIAL THREATS TESTED:**  
5.56 x 45 M193 @ 3100-3150 fps  
7.62 x 39 M67 @ 2880-2930fps  
7.62 x 63 JSP @ 2730-2780 fps  
5.56 x 45 M855 @ 3100-3150 fps  
7.62 x 39 M43 @ 2340-2390 fps  
7.62 x 54r LPS @ 2800-2850 fps



# MAC

# IV

USA  
MADE  
★

MODEL NUMBER: **AFC-C4-BAP**

**NIJ 0101.06**



**HARD ARMOR SOLUTIONS**



**L** NIJ (Certified 0101.06): **.30-06 APM2**

**T** THICKNESS: **0.98"**

**W** WEIGHT: **7.4 lbs**

**S** SIZE: **10" x 12"**

**PA** **PRODUCT APPLICATION:**  
Concealable Body Armor, External Carriers,  
Plate Carriers, and Tactical Body armor

**C** **SINGLE-CURVE**

**ST** **NIJ SPECIAL THREATS TESTED:**  
TBD



# BALLISTIC BARRIER BLANKET

## IIIA

NIJ 0108.01



- S** SERIES: Fusion
- TL** NIJ THREAT LEVEL: IIIA
- W** WEIGHT: 18.72 oz.
- T** THINNESS: 0.30" (7.62 mm)
- L** LAYER COUNT: 30
- S** SIZE: Standard size for the barrier blanket is 4' x 6'. However, other sizes are available including, but not limited to, 5' x 6', 6' x 6', and custom designs.

NYLON PANEL COVERS

WOVEN ARAMID (to desired specs)

OPTIONAL SELF-SUPPORTING MATERIAL



SOFT ARMOR SOLUTIONS

# BALLISTIC BARRIER BLANKET

## IIIA

NIJ 0108.01



- S** SERIES: Woven BB
- TL** NIJ THREAT LEVEL: IIIA
- W** WEIGHT: 15.99 oz.
- T** THINNESS: .30" (7.62 mm)
- L** LAYER COUNT: 17
- B** BALLISTIC MATERIAL: Woven Aramid (or others available)
- S** SIZE: Standard size for the barrier blanket is 4' x 6'. However, other sizes are available including, but not limited to, 5' x 6', 6' x 6', and custom designs.



# BALLISTIC HELMET HIGH-CUT MICH IIIA

MODEL NUMBER: **H-HCM-3A**

NIJ 0106.01



MODEL NUMBER:  
**H-MICH-3A**  
(ALSO AVAILABLE)

- BA** BALLISTIC AREA: 1150<sub>cm<sup>2</sup></sub> – 1250<sub>cm<sup>2</sup></sub>
- TL** NIJ THREAT LEVEL: IIIA
- W** WEIGHT: 2.87 LBS (Includes Accessories)
- S** SIZE: M | L
- M** MATERIAL: Laminate Reinforced Aramid / Impregnated with phenolic resin
- S** SHAPE: High-Cut MICH with Picatinny Rail and Mount System
- C** COLORS: Black, Khaki, Olive Green, UN Blue



HARD ARMOR SOLUTIONS

# BALLISTIC HELMET PASGT

## IIIA

MODEL NUMBER: **H-PASGT-3A**

NIJ 0106.01



- BA** BALLISTIC AREA: 1150<sub>cm<sup>2</sup></sub> – 1250<sub>cm<sup>2</sup></sub>
- TL** NIJ THREAT LEVEL: IIIA
- W** WEIGHT: 3.2 LBS (Includes Accessories)
- S** SIZE: S | M | L | XL
- M** MATERIAL: Aramid Fiber / Impregnated with phenolic resin
- S** SHAPE: PASGT
- C** COLORS: Black, Khaki, Olive Green, UN Blue



# CONCEALABLE

USA  
MADE  
\*

## CARRIERS



### FEATURES:

- 1 Fully adjustable shoulders
- 2 Large straps for adjustability
- 3 Available with NIJ.06 Level II or IIIA ballistics
- 4 Dual plate pocket accommodates 5"x 8" - 8"x 10" trauma inserts
- 5 Spacer mesh inner lining to keep you cool and dry
- 6 Custom sizing or standard sizing available



CARRIER SYSTEMS

## HYBRID CARRIER



## T-SHIRT CARRIER



# TACTICAL

CARRIER SYSTEMS

## CARRIERS



### FEATURES:

- 1 Fully adjustable shoulders
- 2 Optional shoulder and neck protection
- 3 Optional bi-arms protection
- 4 Large id patch area
- 5 Fully adjustable front cummer bun
- 6 Built in side protection plate pockets
- 7 Helmet profiled neck protection
- 8 Large officer down strap
- 9 Open top for quick plate removal

### UNIFORM OUTER CARRIER



### HI-VIZ VEST



### QUICK RELEASE VEST





# ENGINEERING AND DESIGN ARMOR DEVELOPMENT AND TESTING

AFCI has developed in-house capability to design, test, develop and manufacture a full suite of hard and soft armor solutions, specialty armor and hand-held shields.

## RAPID DEVELOPMENT

From concept to production ready. AFCI can deliver turn key solutions.

## COMPLEX/ HIGH VOLUME MANUFACTURING

With over 30 years of combined armor manufacturing experience, the AFCI team has a successful track record of producing a wide variety of armor products to include Military (Rated) contracts, International Military, Law enforcement and security contracts as well as custom, OEM driven production requirements.

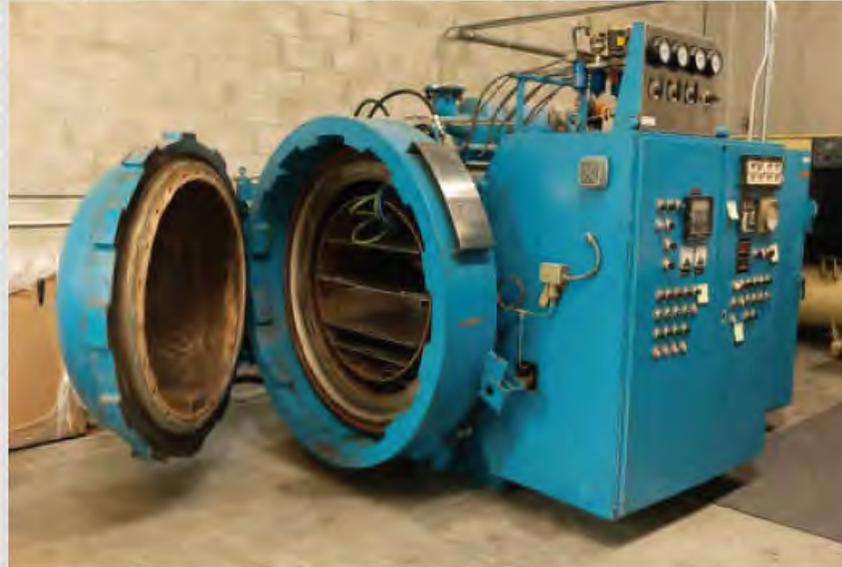
## PROJECT AND PROGRAM MANAGEMENT

Not only do we offer complete Soft and Hard armor design, development and production capability to our OEM network. AFCI also offers Project and Program management services for virtually any armor related project.



# BECOME AN OEM

AFCI is always looking for new partners to collaborate with. If you feel that our products and resources can help you take your brand to the next level, contact us [ProtectingHeroes.com](https://www.ProtectingHeroes.com) for more information.





# MERICAN MADE



This catalog provides a brief summary of the capabilities of Applied Fiber Concepts, Inc. However, this by no means describes the limit of product offerings. We can offer a variety of specialized and customized protective solutions. Please contact us for further information including distribution partners.

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