



TYR
TACTICAL®

FEMALE PRODUCT LINE

INNOVATE OR DIE

OUR BRANDS

Established in 2010, TYR Tactical® is the leading global manufacturer of tactical gear and equipment for military and law enforcement. Our wide range of products are designed to meet the needs of tactical operators, including tactical vests, plate carriers, concealable carriers, hard armor and shields, carrier accessories, and more.



TYR TACTICAL®

Leading tactical gear and equipment, offering a wide range of products to meet the needs of operators.



HURON™

Leading personal gear product line made to work in conjunction with all TYR Tactical® gear. Constructed utilizing industry's best textiles and built to last in the harshest environments.



REVERE K9®

Provides top-of-the-line tactical gear for our K9 counterpart.

AWARDS & ACCOLADES

- 2012 Dupont Kevlar Innovation Award
- 2015 Arizona State University Hahnco Companies Special Achievement in Entrepreneurship
- 2017 Peoria Chamber of Commerce City Manager's Award
- 2020 Pine District Business of the Year
- 2020 Phoenix Business Journal Arizona Corporate Excellence Fastest-Growing Companies
- 2022 Arizona Manufacturers Council Medium Manufacturer of the Year
- 2023 Arizona Capitol Times Leader of the Year
- 2024 Arizona Chamber of Commerce Corporate Citizen of the Year



Dear Friends,

As co-founders of TYR Tactical®, our mission has always been to prioritize your safety through innovative designs and technologies. We are dedicated to serving the men and women of Law Enforcement, Federal Agencies, and U.S. and Allied Armed Forces with products that set the industry standards.

Guided by our mantra Innovate or Die®, we focus on creating ergonomic, dynamic solutions that enhance comfort, movement, and performance. Through rigorous testing and user feedback, we ensure our gear not only meets but exceeds mission demands.

As a proud family-owned business, we are honored to support those who serve their communities. We are dedicated to delivering high-quality gear that excels in modularity and scalability while continually enhancing tactical performance. Our commitment to innovation ensures that our products set the standard in the industry and stand as a testament to our unwavering commitment to your safety and operational excellence.

With Servitude and Gratitude,

Jason L. Beck Jane Beck

Jason & Jane Beck

FEMALE DESIGN: AREAS OF FOCUS



PROPER COVERAGE

Protection of vital organs and breast tissue.

SOLUTION: *Female shape body armor that has additional coverage around the breast tissue.*

BASIC SHAPE

Focus on female anatomy driven by the need of additional support and stability

SOLUTION: *Shape carrier and ballistics to form around the breast tissue to accommodate shoulder rotation and allow for shouldering a weapon.*

FRAGMENTATION & SPALLING

Due to female breast anatomy, fragmentation and spalling from ballistic threat impact are angled towards the female neck and throat, causing a secondary point of impact.

SOLUTION: *TYR Tactical designed the Ballistic Ridge® which is designed as a secondary point of protection that captures fragmentation and spalling that is angled towards the throat and neck when a ballistic impact occurs at the angle due to breast tissue.*

LOAD CARRIAGE

Load carriage has typically been static and designed in a vertical alignment which does not self-adjust with operator movements.

SOLUTION: *Female shaped components such as shoulders, yoke, collar and belt were created to enhance the overall female system and allow for Dynamic Load Carriage®.*

FEMALE DESIGN: DEVELOPMENT & DESIGN



FEMALE BIOMECHANICS STUDY

Female participants performed different range of motion and physical tests while wearing TYR Tactical® carriers (male and female). Range of motion and force measurements were taken as well as participants comfortability ratings were collected during the study. The purpose of this study was to analyze the biomechanics of the TYR Tactical® EPIC™ Female Carrier in comparison to the TYR Tactical® EPIC™ Male Carrier, and demonstrate subjectively and objectively why the female carrier is an excellent choice for the female user.

STUDY FINDINGS



RANGE OF MOTION (ROM)

- The female carrier had better range of motion in the shoulder and hips
- The male carrier on participants limited their motion, specifically with side and back movements



FORCE

- The female carrier applied less force to the chest in ALL exercises and the shoulders in nearly all exercises
- The female carrier distributed force across the chest, shoulders and latissimus



COMFORTABILITY

- It was a consensus that participants were more comfortable in the female carrier
- The male carrier was too loose, uncomfortable in the waist and shoulders, and applied pressure to the chest

STUDY ANALYSIS AT A GLANCE

After extensive testing, it was found that the TYR Tactical® EPIC™ Female Carrier aids in the biomechanics of a female by fitting to the way female bodies are proportioned and relieving the amount of force that is applied to the chest.

The Female Carrier applied less force to the body:

Latissimus: 36% of the time

Chest: 100% of the time

Shoulder: 79% of the time

INTEGRATED BALLISTIC FRAMEWORK

The TYR Tactical® System utilizes a patented six-layer configuration functioning as TYR Tactical's Integrated Ballistic Framework. The Integrated Ballistic Framework is a systematic approach that provides protection, comfort, and stability to the end user.



SPACER MESH

The body facing material utilizes advanced antimicrobial spacer mesh, which provides decreased hot spots on the body by utilizing our airflow chamber technology.

PATENTED BALLISTIC VEIN®

Increases load carriage performance, provides a rigid platform, reduces fatigue, stabilizes and enhances soft armor inserts by up to 50% blunt force trauma.

BALLISTIC SOFT ARMOR

Helps absorb the impact from firearm projectiles and fragmentations.

PATENT PENDING BALLISTIC RIDGE®

Provides additional ballistic coverage, protecting user from side spall created by plate fragmentation at angles of attack 32° to 52° in upward direction.

BALLISTIC HARD ARMOR

Provides additional protection from rifle rounds.

PATENTED PV®

Increases the lifespan of the carrier by up to 7-10 times that of regular 500 denier carriers while enhancing the ballistic capability, providing structure, and improving both abrasion and fire resistance.

TYR TACTICAL®

FEMALE ASSAULTER'S CARRIERS DEVELOPMENT & DESIGN

TYR Tactical® has always led the industry with our innovative designs. Whether you require an ultra-light-weight plate carrier or a full coverage scalable vest, our products will meet your needs. TYR Tactical® male and female full coverage vests will easily be the most comfortable, scalable vest you'll ever wear.



RANGE OF MOTION (ROM)

- Provides better Range of Motion in the shoulders and hips



FORCE

- Applies less force to the chest and shoulders
- Properly distributes force across the chest, shoulders and latissimus



COMFORTABILITY

- Provides a comfortable long wear use for the female user
- Applies less pressure to the female chest



TYR TACTICAL®

FEMALE PICO-MVW ASSAULTER'S PLATE CARRIER



ENHANCED DESIGN FEATURES:

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system
- Slotted poly mesh base cummerbund for increased ventilation

SCALABLE SYSTEM

- XFrame® Dynamic Load Carriage® compatible
- Compatible with our complete line of armored accessories
- Zippers for Assaulter's Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- MOLLE Assaulter's Zip-On Back Panel with internal 50 oz. hydration pocket

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Available in several different shapes depending on the profile of your plate

ADDITIONAL FEATURES

- Patented female shape
- M4/M16 MOLLE front flap
- Repair buckle kit
- Low profile shoulder pads
- Hydration/Communication tabs for routing
- Reinforced drag handle



Exceeds Level II &
USSOCOM Frag Spec
TYR-F-PICO-MVW-NFA2/DK
\$1,295.95

NJ 0101.06 Certified Level II
TYR-F-PICO-MVW-NFA2/10F
\$1,395.95

NJ 0101.06 Certified Level IIIA
TYR-F-PICO-MVW-TXP3A
\$1,295.95

NJ 0101.06 Certified Level IIIA
TYR-F-PICO-MVW-NFA3/10F
\$1,495.95

TYR TACTICAL®

FEMALE PICO-MVW-DSX ASSAULTER'S PLATE CARRIER



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Taktic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system
- Slotted poly mesh base cummerbund for increased ventilation

SCALABLE SYSTEM

- XFrame® Dynamic Load Carriage® compatible
- Compatible with our complete line of armored accessories
- QASM buckle system
- Zippers for DS Assaulter's Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- MOLLE Assaulter's Zip-On Back Panel with internal 50 oz. hydration pocket

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Available in several different shapes depending on the profile of your plate

ADDITIONAL FEATURES

- Patented female shape
- MOLLE front flap
- Repair buckle kit
- EPIC™ low profile shoulder pads
- Hydration/Communication tabs for routing
- Reinforced drag handle



Exceeds Level II &
USSOCOM Frag Spec
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\$1,395.95

NIJ 0101.06 Certified Level II
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\$1,495.95

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\$1,395.95

NIJ 0101.06 Certified Level IIIA
TYR-F-PICO-MVW-DSX-NFA3/10F
\$1,595.95

TYR TACTICAL®

FEMALE EPIC™ FEDERAL OUTER CARRIER



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Tactic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system
- Armored, slotted poly mesh base cummerbund for increased ventilation

SCALABLE SYSTEM

- Compatible with our complete line of armored accessories
- QASM buckle system
- 6" x 6" side plate pockets
- Zippers for Assaulters' Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- MOLLE Assaulters' Zip-On Back Panel

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Internal plate pocket retention straps accommodate several different plate styles & thicknesses

ADDITIONAL FEATURES

- Patented female shape
- Inner cummerbund
- MOLLE front flap
- Repair buckle kit
- Armored THOR shoulders
- Hydration/Communication tabs for routing
- Reinforced drag handle
- One side mag insert adapter
- One cell phone pocket adapter
- Patent Pending Ballistic Ridge®*
(*available in select styles)

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-FED-TXP3A
\$1,495.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-FED-NFA2/10F
\$1,595.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-FED-NFA3/10F
\$1,695.95



TYR TACTICAL®

EPIC™ FEDERAL ARMOR KIT



SOFT ARMOR OPTIONS:

NFA2/DK

Exceeds Level II & USSOCOM Frag Spec

NFA2/10

NIJ 0101.06 Certified Level II

NFA3/10

NIJ 0101.06 Certified Level IIIA

TXP3A

NIJ 0101.06 Certified Level IIIA

MAKE IT A KIT

AVAILABLE IN MALE OR FEMALE VERSIONS



FIGURE	DESCRIPTION	ITEM#
A	EPIC™ BALLISTIC NON-CUTAWAY THROAT	TYR-F-ETHR
B	EPIC™ BALLISTIC NON-CUTAWAY COLLAR/YOKE	TYR-F-ECLRYK
C	BALLISTIC BICEPS/DELTOID	TYR-F-E115
D	EPIC-FED ASSAULTER'S PLATE CARRIER	TYR-F-EPIC-FED
E	BALLISTIC LOWER ABDOMEN	TYR-LW109MV

TYR TACTICAL®

FEMALE EPIC™ FEDERAL OUTER CARRIER - BC



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Taktic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system
- Armored, slotted poly mesh base cummerbund for increased ventilation

SCALABLE SYSTEM

- Compatible with our complete line of armored accessories
- QASM buckle system
- 6" x 6" side plate pockets
- Zippers for Assaulter's Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- MOLLE Assaulter's Zip-On Back Panel

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Internal plate pocket retention straps accommodate several different plate styles & thicknesses

ADDITIONAL FEATURES

- Patented female shape
 - Inner cummerbund
 - MOLLE front flap
 - Repair buckle kit
 - Armored THOR shoulders
 - Hydration/Communication tabs for routing
 - Reinforced drag handle
 - One side mag insert adapter
 - One cell phone pocket adapter
 - Berry Amendment Compliant
 - Patent Pending Ballistic Ridge®*
- (*available in select styles)

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-FED-BC-TXP3A
\$1,495.95

NIJ 0101.06 Certified Level II
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\$1,595.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-FED-BC-NFA3/10F
\$1,695.95



TYR TACTICAL®

FEMALE EPIC-FED-DSX ASSAULTER'S PLATE CARRIER



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Tactic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system
- Armored, slotted poly mesh base cummerbund for increased ventilation

SCALABLE SYSTEM

- Compatible with our complete line of armored accessories
- Zippers for Assaulter's Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- MOLLE Assaulter's Zip-On Back Panel with internal 50 oz. hydration pocket

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Available in several different shapes depending on the profile of your plate

ADDITIONAL FEATURES

- Patented female shape
- Armored THOR shoulders
- Reinforced drag handle
- Hydration/Communication tabs for routing
- Two side mag insert adapters

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-FED-DSX-TXP3A
\$1,795.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-FED-DSX-NFA2/10F
\$1,895.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-FED-DSX-NFA3/10F
\$1,995.95



TYR TACTICAL®

FEMALE EPIC-SWD-DSX PLATE CARRIER



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Tactic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system

SCALABLE SYSTEM

- Compatible with our complete line of armored accessories
- Zippers for Assaulter's Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- Includes MOLLE Assaulter's Zip-On Back Panel
- Loop attachment points on the back of the vest
- Armored cummerbund with plate pocket

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Available in several different shapes depending on the profile of your plate

ADDITIONAL FEATURES

- Patented female shape
- Repair buckle kit
- Armored THOR shoulders
- Hydration/Communication tabs for routing
- Reinforced drag handle
- Two side mag insert adapters



Exceeds Level II & USSOCOM Frag Spec
TYR-F-EPIC-SWD-DSX-NFA2/DK
\$1,695.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-SWD-DSX-NFA2/10F
\$1,795.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-SWD-DSX-TXP3A
\$1,695.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-SWD-DSX-NFA3/10F
\$1,895.95

TYR TACTICAL®

FEMALE EPIC-LOC MOLLE ASSAULTER'S PLATE CARRIER



ENHANCED DESIGN FEATURES:

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system

SCALABLE SYSTEM

- Removable front flap
- QASM buckle system
- PALS webbing for MOLLE attachment
- Semi-rigid exterior MOLLE cummerbund

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Internal plate pocket retention straps accommodate several different plate styles & thicknesses

ADDITIONAL FEATURES

- Patented female shape
- EPIC™ low profile shoulder pads
- Hydration/Communication tabs for routing
- Repair buckle kit



NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-LOC-MOL-TXP3A
\$1,195.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-LOC-MOL-NFA2/10F
\$1,295.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-LOC-MOL-NFA3/10F
\$1,395.95

TYR TACTICAL®

FEMALE EPIC-DSX ASSAULTER'S PLATE CARRIER



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Taktic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system
- Slotted poly mesh base cummerbund for increased ventilation

SCALABLE SYSTEM

- Compatible with our complete line of armored accessories
- QASM buckle system
- Zippers for Assaulter's Zip-On Back Panels
- Flush admin chest pocket with internal elastic keepers
- MOLLE Assaulter's Zip-On Back Panel with internal 50 oz. hydration pocket

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Available in several different shapes depending on the profile of your plate

ADDITIONAL FEATURES

- Patented female shape
- Repair buckle kit
- Armored THOR shoulders
- Hydration/Communication tabs for routing
- Reinforced drag handle
- Two side mag adapters

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-DSX-TXP3A
\$1,595.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-DSX-NFA2/10F
\$1,695.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-DSX-NFA3/10F
\$1,795.95



TYR TACTICAL®

FEMALE EPIC™ ASSAULTER'S PLATE CARRIER



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Single-handed 4-wire cutaway

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system

SCALABLE SYSTEM

- Compatible with our complete line of armored accessories
- Zippers for Assaulter's Zip-On Back Panels
- Includes MOLLE Assaulter's Zip-On Back Panel
- XFrame® Dynamic Load Carriage® compatible
- PALS webbing for MOLLE attachment
- Semi-rigid, lace adjustable, exterior MOLLE cummerbund

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Available in several different shapes depending on the profile of your plate

ADDITIONAL FEATURES

- Patented female shape
- EPIC™ low profile shoulder pads
- Hydration/Communication tabs for routing
- Reinforced drag handle
- Two side mag adapters

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-TXP3A
\$1,595.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-NFA3/10F
\$1,795.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-NFA2/10F
\$1,695.95



TYR TACTICAL®

FEMALE EPIC™ GENERAL DUTY CARRIER



ENHANCED DESIGN FEATURES:

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system

SCALABLE SYSTEM

- Semi-rigid exterior MOLLE cummerbund
- Externally adjustable shoulder straps
- Optional mounting point for AXON® body camera single or double MOLLE mount
- Low visibility rigid MOLLE cummerbund

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Increases structural integrity & reduces back face deformation
- Reduced blunt force trauma to body
- Patented Ballistic Vein®

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

ADDITIONAL FEATURES

- Patented female shape
- Low profile shoulder pads
- External double chest pocket with single zipper access
- Removable internal suspenders
- Optional upgrade to Tactik quick release cummerbund

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-GDC-TXP3A
\$895.95

NIJ 0101.06 Certified Level II
TYR-F-EPIC-GDC-NFA2/10F
\$995.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-GDC-NFA3/10F
\$1,095.95



TYR TACTICAL®

FEMALE EPIC™ GENERAL DUTY CARRIER DSX



ENHANCED DESIGN FEATURES:

QUICK RELEASE

- Tactic buckle system provides a quick connect for users to don & doff the plate carrier utilizing one hand

BREATHABILITY & MOISTURE PROTECTION

- Antimicrobial/FR treated padded spacer mesh system

SCALABLE SYSTEM

- Semi-rigid exterior MOLLE cummerbund
- Externally adjustable shoulder straps
- Optional mounting point for AXON® body camera single or double MOLLE mount

PATENTED INTEGRATED BALLISTIC FRAMEWORK

- Patented Ballistic Vein®
- Increases structural integrity & reduces back face deformation
- Reduced blunt force trauma to body

ELONGATED MATERIAL LIFE & ABRASION RESISTANCE

- Engineered utilizing patented PV® material

PLATE POCKET STYLE

- Incorporates a gusseted plate pocket which relieves tension and pressure normally placed on the body from hard plates in classic plate pocket configuration
- Will accommodate a ballistic plate up to 1 inch thick
- Bottom loading front plate pocket
- Top loading rear plate pocket

ADDITIONAL FEATURES

- Low profile shoulder pads
- External double chest pocket with single zipper access
- Patented female shape
- Removable internal suspenders

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-GDC-DSX-TXP3A
\$995.95

NIJ 0101.06 Certified Level II
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\$1,095.95

NIJ 0101.06 Certified Level IIIA
TYR-F-EPIC-GDC-DSX-NFA3/10F
\$1,195.95



TYR TACTICAL®

FEMALE ULTRA CONCEALABLE BODY ARMOR - ULVCT



ENHANCED DESIGN FEATURES:

BREATHABILITY & MOISTURE PROTECTION

- 4-way stretch Tweave
- Internal mesh soft armor sleeve

CONCEALMENT

- Concealable shape, designed to be worn under clothing

ADDITIONAL FEATURES

- Two side zippers for overhead don and doff
- Patented female shape
- Shirt tails
- Soft armor lower abdomen cutout to prevent riding up when sitting
- Available with 2" gap or overlap



NIJ 0101.06 Certified Level II Meets FBI & DEA Spec
TYR-F-ULVCT-NFA2/10F
\$745.95

NIJ 0101.06 Certified Level II Meets FBI & DEA Spec
With 2" overlap
TYR-F-ULVCT-V2-NFA2/10F
\$795.95



TYR TACTICAL®

ULTRA LOW VIS GENERAL CARRIER ULV-G



ENHANCED DESIGN FEATURES:

BREATHABILITY & MOISTURE PROTECTION

- Made with polyester mid-weight microsuede and a water repellent finish
- Quick dry and wrinkle resistant

CONCEALMENT

- Low visibility shape and grade, designed to be worn under clothing

INCREASED ERGONOMICS & PERFORMANCE

- Patented female shape
- Hook and Loop attached cummerbund and shoulders for easy don & doff
- Armored cummerbund
- Offered in both male and female variant
- Includes four elastic cummerbund straps without armor for optional wear
- Available with 2" overlap soft armor coverage on sides*



Armored Cummerbund

NIJ 0101.06 Certified Level II
TYR-F-ULV-G-NFA2/10F
\$745.95

With 2" overlap*
NIJ 0101.06 Certified Level II
TYR-F-ULV-G-V2-NFA2/10F
\$795.95

NIJ 0101.06 Certified Level IIIA
TYR-F-ULV-G-NFA3/10F
\$845.95

With 2" overlap*
NIJ 0101.06 Certified Level IIIA
TYR-F-ULV-G-V2-NFA3/10F
\$895.95

TYR TACTICAL®

PLATE CARRIERS



TYR-F-PICO-MVW



TYR-F-PICO-MVW-DSX



TYR-F-EPIC-FED



TYR-F-EPIC-FED-BC



TYR-F-EPIC-FED-DSX



TYR-F-SWD-DSX



TYR-F-EPIC



TYR-F-EPIC-DSX



TYR-F-EPIC-GDC



TYR-F-EPIC-GDC-DSX



TYR-F-EPIC-LOC-MOLLE



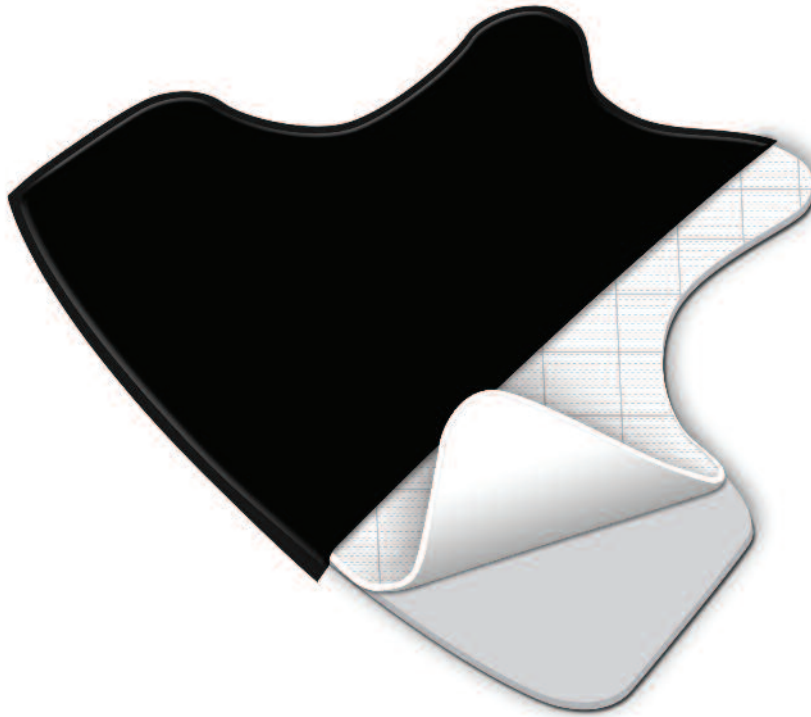
TYR-F-ULVCT



TYR-F-ULV-G

TYR TACTICAL®

SOFT ARMOR SPECIFICATIONS



* Female Certified Solutions


TYR TACTICAL® SOFT ARMOR SPECIFICATIONS

SOFT ARMOR PACKAGES	NFA2/DK	NFA2/10*	NFA3/10*	TXP3A
THICKNESS	.23"	.21"	.24"	.21"
WEIGHT/ AREAL DENSITY	.78 lbs. psf	.82 lbs. psf	1.09 lbs. psf	1.23 lbs. psf
TESTING STANDARD	NIJ 0101.06 USMC Testing Standards	NIJ 0101.06 FBI Testing Standards	NIJ 0101.06 FBI Testing Standards	NIJ 0101.06
PROTECTION LEVEL	Level II USMC Testing Requirements	Certified Level II FBI & DEA Requirements USSOCOM Fragmentation Requirements	Certified Level IIIA FBI & DEA Requirements USSOCOM Fragmentation Requirements	Certified Level IIIA
V ⁵⁰	9mm / 1999 fps .357 Mag / 1852 fps	9mm / 1686 fps .357 Mag / 1741 fps	.357 Sig / 1865 fps .44 Mag / 1690 fps	.357 Sig / 1818 fps .44 Mag / 1656 fps
BACK-FACE DEFORMATION	9mm / 37.7mm .357 Mag / 40.5mm	9mm / 33.8mm .357 Mag / 36.6mm	.357 Sig / 30.3mm .44 Mag / 35.4mm	.357 Sig / 26.01 mm .44 Mag / 33.59 mm
IDEAL USE	Tactical/ Military	Concealable/ Military	Tactical	Tactical

*Available in Gender Neutral and Female Version


TYR TACTICAL®

HARD ARMOR PLATE COMPARISON CHART/SPECS

LEVEL III			
			
PLATE PART#	TYR-XHA3/BD TYR-XHA3/BD-66	TYR-HA3/ST TYR-XHA3/ST-66	TYR-XHA3/7A/T TYR-XHA3/7A/T-66
WEIGHTS	XSmall: 2.05 lbs. / 0.93 kg Small: 2.71 lbs. / 1.23 kg Medium: 3.24 lbs. / 1.47 kg Large: 3.64 lbs. / 1.65 kg XLarge: 4.26 lbs. / 1.93 kg 6x6: 1.06 lbs. / 0.48 kg	XSmall: 1.78 lbs. / 0.81 kg Small: 2.36 lbs. / 1.07 kg Medium: 2.82 lbs. / 1.28 kg MD4: 2.90 lbs. / 1.32 kg Large: 3.16 lbs. / 1.43 kg XLarge: 3.70 lbs. / 1.68 kg 6x6: .92 lbs. / 0.42 kg	X-Small: 2.60 lbs. / 1.18 kg Small: 3.31 lbs. / 1.50 kg Medium: 3.95 lbs. / 1.79 kg Large: 4.46 lbs. / 2.02 kg X-Large: 5.19 lbs. / 2.35 kg 6x6: 1.17 lbs. / 0.53 kg
DIMENSIONS	XSmall: 6.87" x 11.12" / 17.45 x 28.24 cm Small: 8.5" x 11.5" / 21.6 x 29.21 cm Medium: 9.3" x 12.3" / 23.62 x 31.24 cm Large: 10" x 13" / 25.4 x 33.02 cm XLarge: 10.9" x 13.8" / 27.69 x 35.05 cm 6x6: 6" x 6" / 15.24 x 15.24 cm	XSmall: 6.87" x 11.12" / 17.45 x 28.24 cm Small: 8.5" x 11.5" / 21.6 x 29.21 cm Medium: 9.3" x 12.3" / 23.62 x 31.24 cm Large: 10" x 13" / 25.4 x 33.02 cm XLarge: 10.9" x 13.8" / 27.69 x 35.05 cm 6x6: 6" x 6" / 15.24 x 15.24 cm	XSmall: 7.1" x 11.4" / 18.03 x 28.96 cm Small: 8.6" x 11.7" / 21.84 x 29.72 cm Medium: 9.5" x 12.5" / 24.13 x 31.75 cm Large: 10" x 13" / 25.4 x 33.02 cm XLarge: 10.9" x 13.8" / 27.69 x 35.05 cm 6x6: 6" x 6" / 15.24 x 15.24 cm
TESTING STANDARD	NIJ 0101.06	NIJ 0101.06	NIJ 0101.06
PROTECTION LEVEL	Level III	Level III	Level III
CONFIGURATION	Stand Alone	In-Conjunction with NFA3/10 or TXP3A	In-Conjunction with NFA3/10
PLATE THICKNESS	1.05 in. / 26.67 mm	.82 in. / 20.83 mm	.89 in. / 22.60 mm 6x6: .68 in. / 17.27 mm
BUOYANCY	Positive	Positive	None
CURVATURE	Multi Curve 6x6: Single Curve	Multi Curve 6x6: Single Curve	Multi Curve 6x6: Single Curve
MATERIALS	UHMWPE & Elastomeric Urethane Foam	UHMWPE & Elastomeric Urethane Foam	Ceramic Composite HAP
COVER	Black Polyurea	Black Polyurea	TPU
THREATS	5.56 x 45-mm, 56-grain M193 7.62 x 39-mm, 123-grain MSC 7.62 x 51-mm, 149-grain M80 FMJ	5.56 x 45-mm, 56-grain M193 7.62 x 39-mm, 123-grain MSC 7.62 x 51-mm, 149-grain M80 FMJ	5.56 x 45-mm, 56-grain M193 5.56 x 45-mm, 62-grain M855 7.62 x 39-mm, 123-grain MSC 7.62 x 51-mm, 149-grain M80 FMJ
PRICE	TYR-XHA3/BD \$457.95 TYR-XHA3/BD-66 \$149.95	TYR-HA3/ST \$995.95 TYR-XHA3/ST-66 \$199.95	TYR-XHA3/7A/T \$495.95 TYR-XHA3/7A/T-66 \$245.95

TYR TACTICAL®

HARD ARMOR PLATE COMPARISON CHART/SPECS

LEVEL III		LEVEL IV		
				
PLATE PART#	TYR-XHA3/1/T TYR-XHA3/1/T-66		TYR-HA1192/T	
WEIGHTS	XSmall: 2.43 lbs. / 1.10 kg Small: 3.08 lbs. / 1.40 kg Medium: 3.68 lbs. / 1.67 kg Large: 4.15 lbs. / 1.88 kg XLarge: 4.83 lbs. / 2.19 kg 6x6: 1.13 lbs. / 0.48 kg		XSmall: 2.52 lbs. / 1.14 kg Small: 3.26 lbs. / 1.48 kg Medium: 3.88 lbs. / 1.76 kg Large: 4.37 lbs. / 1.98 kg XLarge: 5.13 lbs. / 2.33 kg	
DIMENSIONS	XSmall: 7.1" x 11.4" / 18.03 x 28.96 cm Small: 8.6" x 11.7" / 21.84 x 29.72 cm Medium: 9.5" x 12.5" / 24.13 x 31.75 cm Large: 10" x 13" / 25.4 x 33.02 cm XLarge: 10.9" x 13.8" / 27.69 x 35.05 cm 6x6: 6" x 6" / 15.24 x 15.24 cm		XSmall: 6.95" x 11.43" / 17.65 x 29.03 cm Small: 8.67" x 11.67" / 22.02 x 29.64 cm Medium: 9.4" x 12.4" / 23.88 x 31.5 cm Large: 10.17" x 13.17" / 25.83 x 33.45 cm XLarge: 10.9" x 13.9" / 27.69 x 35.31 cm	
TESTING STANDARD	NIJ 0101.06		NIJ 0101.06	
PROTECTION LEVEL	Level III & Special Threats		Level III & Special Threats	
CONFIGURATION	In-Conjunction with NIJ Level II or above		In-Conjunction with NIJ Level II or above	
PLATE THICKNESS	.61 in. / 15.49 mm		.56 in. / 14.22 mm	
BUOYANCY	None		None	
CURVATURE	Multi Curve 6x6: Single Curve		Multi Curve	
MATERIALS	Ceramic Composite HAP		Ceramic Composite HAP	
COVER	TPU		TPU	
THREATS	Multi-hit 5.56 x 45-mm, 55-grain M193 Ball 5.56 x 45-mm, 62-grain M855, SS109 7.62 x 39-mm, 123-grain PS Ball 7.62 x 51-mm, 149-grain M80 FMJ Single hit 7.62x54R-mm, 148-grain LPS		5.45 x 39-mm, 53-grain MSC 7N6 5.56 x 45-mm, 55-grain M193 Ball 5.56 x 45-mm, 62-grain M855 Ball A1 5.56 x 45-mm, 62-grain M855 Ball SS109 7.62 x 39-mm, 123-grain MSC 7.62 x 39-mm, API - BZ 7.62 x 54R-mm, 148-grain LPS 7.62 x 51-MM, 149-grain M80 FMJ	
PRICE	TYR-XHA3/1 \$624.95 TYR-XHA3/1-66 \$399.95		TYR-HA1192/T \$1,095.95	

TYR-XHA4/7-S/T \$595.95		TYR-XHA4/S6/T \$1,495.95	
30.06, 166-grain M2 AP		Stand Alone: Multi-hit 5.56 x 45mm M193 Velocity 3200 – 3300 f/s 5.56 x 45mm M855 Velocity 3250-3300 f/s 7.62 x 39mm MSC Velocity 2330 – 2430 f/s 7.62 x 51mm M80 Velocity 2730 – 2830 f/s 7.62x54Rmm LPS Velocity 2750 – 2800 f/s Double hit: 7.62x39mm BZ API Velocity 2400-2450 f/s Single hit 7.62x54Rmm B32 API Velocity 2850 – 2900 f/s In-Conjunction: Single hit 7.62 x 63mm M2AP Velocity 2850 – 2910 f/s	

FEMALE EPIC® FED SIZING



FEMALE EPIC-FED-DSX SIZING



SIZE	CHEST WIDTH	WAIST MEASUREMENT	FITS PLATE SIZES
XSMALL	30" - 33"	27" - 29"	6.87" x 11.12" - 8.5" x 11.5"
SMALL	33" - 36"	30" - 31"	6.87" x 11.12" - 8.5" x 11.5"
MEDIUM	36" - 39"	32" - 33"	8.5" x 11.5" - 9.3" x 12.3"
LARGE	39" - 42"	34" - 36"	9.3" x 12.3" - 10" x 13"
XLARGE	42" - 45"	37" - 38"	10" x 13" - 10.9" x 13.8"

SIZE	CHEST WIDTH	WAIST MEASUREMENT	PLATE POCKET
XSMALL	30" - 33"	27" - 29"	6.87" x 11.12"
SMALL	34" - 35"	30" - 31"	6.87" x 11.12"
MEDIUM	36" - 37"	32" - 33"	8.5" x 11.5"
LARGE	38" - 40"	34" - 36"	8.5" x 11.5"
XLARGE	41" - 43"	37" - 38"	9.3" x 12.3"

FEMALE CARRIER SIZE RELATES TO THE PLATE SIZE & OPERATORS CHEST WIDTH:

From our biomechanical research and studies we have found that it is crucial to consider female specific measurements when sizing a female user for a carrier. TYR Tactical® female vests are sized based upon the users' chest circumference and front torso measurements. TYR Tactical® carriers and vests include built in modularity and tailorable features that allow female users to fit the carrier to their individual measurements through shoulder and waist adjustments without impeding on vital area of coverage protection.

TYR TACTICAL FACILITIES

TYR TACTICAL: EST. 2010

Location: **Peoria, AZ**

MAIN HEADQUARTERS

This 83,000 sq. ft. facility is the heart of TYR Tactical and where the bulk of our product development and manufacturing occurs.

HARD ARMOR BUILDING:

This 43,000 sq. ft. facility is located at our Peoria, AZ main campus. This building houses state-of-the-art presses and autoclaves to support hard armor production. This much needed expansion, along with our current in-house Ballistic Test Range, gives us unmatched armor development and production capability.

TYR TACTICAL CANADA: EST. 2015

Location: **Kanata, ON**

TYR Tactical Canada was built to better serve the Canadian Conventional and Special Operations Forces, Royal Canadian Mounted Police, and other agencies. This facility is focused on producing 100% Canadian made products, as well as custom design and development work.

TYR TACTICAL DENMARK: EST. 2019

Location: **Aarhus, DK**

TYR Tactical Denmark was established to better serve the Danish Defence Forces and European agencies. This facility handles product repairs, sizing, sustainment and product maintenance services.

TYR TACTICAL EL PASO: EST. 2023

Location: **El Paso, TX**

TYR Tactical El Paso is the newest TYR Tactical facility designed and staffed to optimize the production of our products.





623 -240 -1400 PHONE
INFO@TYRTACTICAL.COM EMAIL

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