



To Whom This May Concern,

TYR Tactical® is the sole source provider for ballistic carriers and tactical nylon gear provided with PV®, XFrame™ Dynamic Load Carriage®, Integrated Ballistic System (outlined below), Patented Female Protective Vest, Enhanced PICO Integrated Carrier, TYR Tactical Level III+ Hard Armor Plate, Gunfighter™ Belt, Pluma® Frame, Onus™ Load Carriage system, Tactical Hand Warmer Apparatus, Adjustable Ammunition Magazine Pouch, New Family of Armor and Huron Technical Clothing and Packs.

PV®, or **Pluma Vires®**, is a proprietary, patent pending fabric comprised of Kevlar® bonded to Cordura® nylon. This fabric provides enhanced abrasion resistance, phenomenal tear and cut resistance and a tensile strength of over 750 pounds for a 1 inch strip. PV® exceeds the performance of 1000 denier nylon in durability testing and provides significant weight savings. PV® has higher thermal stability and extraordinary flame resistance when compared to Nomex®. PV® is incorporated into the construction of all TYR products where increased strength or abrasion resistance is needed.

XFrame™ is a patent pending Dynamic Load Carriage® System that provides weight distribution of a ballistic carrier's weight from the shoulders to the hips utilizing carbon fiber X-frame® stays that integrate with our XFrame™ Brokos Belt. The load distribution aligns with the natural ergonomics of the body and allows for twisting and bending capabilities while the system is in use.

Integrated Ballistic System is a five piece design that increases ballistic protection, decreases side spall and reduces back face deformation. The system is comprised from spacer mesh, Ballistic Vein®, Soft Armor, Hard Plate, Ballistic Ridge® (in some cases) and PV®. The system reduces blunt trauma and deformation values and ultimately increases V50 performances by up to 125 feet per second by absorbing energy from projectile engagement.

- **Ballistic Vein®** is our patented panel suspension and energy disbursement frame that retains the soft armor panels in the proper configuration, prevents bunching and supports the plates to improve edge hit protection.
- **Ballistic Ridge®** provides additional ballistic coverage around the hard ballistic plate protecting the user from side spall created by plate augmentation.

Female Protective Vest incorporates our patent female shape which includes two lateral darts that contour around the female's natural shape while providing full range of motion, support and eliminates excessive compression on the breast tissue. The Female Protective Vest design allows the hard plate to be kept in the proper position.

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The **Enhanced PICO Integrated Carrier, EPIC™, System**. A completely scalable and modular system able to fit various sizes which incorporates our Integrated Ballistic System, constructed from PV® material, XFrame™ compatible and offers a quick release system option.

TYR Tactical® is the sole source provider of the **TYR-HA3/7 Level III+ Hard Armor Plate**.

The **Gunfighter™ Belt** is a patent pending versatile belt that is a combination between a rigger and load carriage belt. The base is sewn with high strength type 13 webbing. The exterior is surrounded by 2 rows of .5" webbing giving the user ability to change mission specific gear as needed. The removable Antimicrobial/FR treated padded spacer mesh is used on the interior of the belt for comfort.

The **Pluma® Frame** is constructed with carbon fiber and aluminum allowing the frame to be extremely strong and durable but as light as a feather at 1.0 lbs.

Onus™ Dynamic Load Carriage® has a stabilizing bar that free-floats within the adapter channel which attaches to the Brokos Belt via "click in" and "click out" mechanism. It may be used with the Brokos Belt and various Huron™ Packs.

TYR Tactical® Hand Warmer-Split is a patent pending design that has a middle durable separating zipper that allows the user to use the hand warmer in multiple configurations.

The **Combat Adjustable Ammunition Magazine pouches** are patented pouches that conforms to various types of magazines.

TYR Tactical® also offers **New Family of Armor [NFA]** which is NIJ Certified Soft Armor incorporated into various soft armor systems. Our patent pending soft armor design incorporates next generation materials that allow for increased protection at a lower weight than most competitors.

TYR Tactical® is the sole provider of our products within the United States with the exception of prime vendor ADS Inc. TYR Tactical® utilizes ADS Inc. located in Virginia Beach, Va. for specialized sales to the US Government Military in required circumstances.

TYR Tactical® is the sole provider of all **Huron Technical Clothing and Packs**.

Thank you for your interest in TYR Tactical® products and for the opportunity to provide protection for your operators.

Innovate or Die®,
Kandice Moore
Inside Law Enforcement Representative

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