
TAMTEX
THE NEXT LEVEL
CATALOG | 2023

TAMTEX has equipped agents and security forces with lightweight, flexible and safe BULLETPROOF vests since 2007. Our headquarters have more than 4 thousand square meters and serve customers throughout Brazil and Latin America.

INFRASTRUCTURE

FROM THE ARAMID FIBER, **WE DEVELOP FABRICS AND BALLISTIC COMPOSITES IN HOUSE**, CONTROLLING THE TECHNOLOGY OF OUR PRODUCTS.

WE DEVELOP AND **TEST IN A PROPRIETARY BALLISTIC LABORATORY**, built TO ATTEND INTERNATIONAL STANDARDS.

IN ADDITION TO THE CAREFUL FINISHES AND HIGH QUALITY MATERIALS, **THE PANELS ARE TRACEABLE BY PROPRIETARY CLOUD-BASED SOFTWARE**

TAMTEX holds a complete laboratory: projectile assembly and measurement, high-energy shots dispatcher, chronograph controlled by software and clay-filled boxes for BFD checking. Everything inside a 20 meters tunnel, ready for testing different types of ammunition.

BALLISTIC PANELS

T-MAX™

The MAX soft panel was developed using proprietary T-MAX™ technology, providing **high performance in a lightweight and flexible product.**

DESIGN

COMPOSITION	MAIN BALLISTIC MATERIAL	PANELS WEIGHT (front and back set)
aramid	composite T-MAX-SW	1,8 kg*

CERTIFICATIONS

NIJ Standard III-A

PERFORMANCE

AREA DENSITY	MEDIUM BFD
5,2 kg/m²	36 mm

*weight corresponding to M size panel

T-TX™

TAMTEX newest release, **TX softpanels uses only 7 layers of aramid composite**, providing extreme lightness and flexibility for a hidden or discreet use.

DESIGN

COMPOSITION	MAIN BALLISTIC MATERIAL	PANELS WEIGHT (front and back set)
aramid + high tenacity polyester	aramid composite	1,3 kg*

CERTIFICATIONS

NIJ Standard II-A

PERFORMANCE

AREA DENSITY	MEDIUM BFD
3,8 kg/m²	30 mm

*weight corresponding to M size panel

CARRIERS

ARMATTA™

Built with proprietary **TRACTUM™ technology**, the ARMATTA™ carrier is designed to high end tactical operations. Built according to the M.O.L.L.E Standard, it allows you to attach items such as pockets, holsters, cameras and balers according to the mission requirements.

SCAN THE QR'CODE AND WATCH THE VIDEO

CARRIERS | ARMATTA© SERIES

ARMATTA | **OPS**

MATERIALS: TRACTUM™ E POLYAMIDE 6.6

The OPS version is used for overt and institutional operations. It has a badge holder, strap adjustments and side and shoulder fasteners, M.O.L.L.E system on the front.

BETTER COMPATIBILITY WITH THE MAX™ PANEL

ARMATTA | **MISSION**

MATERIALS: TRACTUM™ E POLYAMIDE 6.6

The MISSION carrier features hidde buckles for adjustment on the shoulders and velcro under the front face, providing a clean visual and greater extension of the M.O.L.L.E system, present on the front and back. Velcro on the chest and back for customization of patches and identifications. Finally, a retractable rescue handle, which allows a free movement rescue in a dangerous operation.

BETTER COMPATIBILITY WITH THE MAX™ PANEL

ARMATTA | **TATICAL**

MATERIALS: TRACTUM™ E POLYAMIDE 6.6

In addition to the features of the MISSION version, the TACTICAL carrier has compartments for LEVEL III plates and an advanced magnetic buckles system.

BETTER COMPATIBILITY WITH THE MAX™ PANEL

CARRIERS | OPERATIONAL SERIES

EXTRA **FIT**

MATERIALS: NEOPLEX

The FIT vest was developed for concealed use, with elastic adjustment and internal breathable material. Can be used hidden or over clothes.

BETTER COMPATIBILITY WITH THE TX™ PANEL

POLICE

MATERIALS: POLYAMIDE 6.6

Operational vests are used by lots of security forces. Made of polyamide 6.6 with Velcro adjustments and elastic fabric on the straps, these vests are highly durable and can be customized with the organization or company brand.

BETTER COMPATIBILITY WITH THE MAX™ PANEL

OPERATIONAL

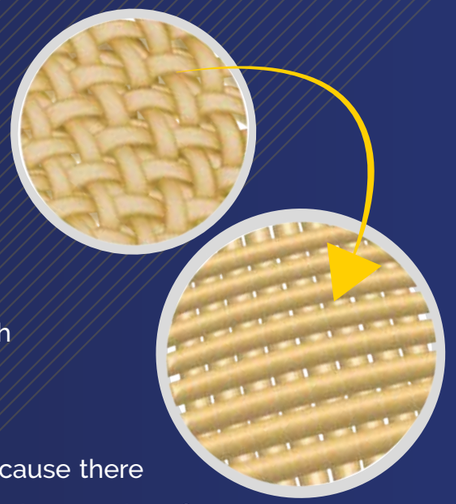
MATERIALS: POLYESTER

Produced with lightweight material, it has adjustable straps. Easily customizable, these vests are easy to maintain.

BETTER COMPATIBILITY WITH THE TX™ PANEL

TECHNOLOGIES

T-MAX™



T-MAX™ is a multiaxial structure produced with Twaron™ aramid.

Multiaxial structures differ from common fabrics because there is no crimp of fibers, allowing better use of the physical properties of advanced materials, such as fiberglass, carbon fiber and aramid itself. This type of nonwoven is used in many advanced engineering applications, such as car fuselages, airplanes, wind turbines and now also in bulletproof vests. **TAMTEX is the only company in the whole of Latin America producing multiaxial aramid woven**, and creating high end ballistc panels with it.

TRACTUM™

TRACTUM is a composite developed inside TAMTEX laboratory at Brazil. Combining polyamide fibers with high-performance polymers resins, we have created a special high-resistance fabric. Its properties, ideal for making laser-cut M.O.L.L.E systems.

- KG — RESISTANT MATERIAL
- CLEAN AND ROBUST VISUAL
- HIGHLY CUSTOMIZABLE

THE NEXT LEVEL

TRACK THE LOCATION AND LIFETIME OF YOUR PANELS

GeoSyx is a cloud-based software developed and maintained by TAMTEX, supporting private companies and public forces to control the inventory, distribution and storage of its ballistic vests.

WACTH VIDEO

MISSION TO REDUCE 4KG IN CO_2 EMISSIONS EQUIVALENT TO EVERY 1KG OF ARAMID PRODUCED

TAMTEX believes in sustainable processes and maintains reverse logistics programs for proper disposal of out of date ballistic vests. All of our aramid residue is shipped directly to Europe for an advanced recycling program maintained and runned by our strategic supplier.

READ ABOUT

CERTIFICAÇÃO POR TODAS AS FORÇAS DE SEGURANÇA

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