

# PRODUCT BULLETIN – BallistoProtecto FABRICS

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BallistoProtecto Fabrics are based on a “Para-Aramid” fiber, which is a synthetic fiber with high tensile strength and modulus. They are comparable to Kevlar or Twaron.

BallistoProtecto resists temperatures up to 8,000 degrees F (426 degrees C).

Para-Aramid fibers are known for their high tensile strength-to-weight ratio, which is close to five times stronger than steel.

## APPLICATIONS:

### Military

- **Bulletproof vests:** Kevlar is a key component of bulletproof vests.
- **Helmets:** Kevlar is used in military helmets.
- **Hand gloves:** Kevlar is used in military hand gloves.

### Aerospace

- **Aircraft bodies:** Kevlar is used in the bodies of aircraft.
- **Fiber optic cables:** Kevlar is used in fiber optic cables.

### Automotive

- **Tires:** Kevlar is used to reinforce rubber in tires.
- **Hoses:** Kevlar is used to reinforce automotive hoses.
- **Car brakes:** Kevlar is used in car brakes.

### Consumer products

- **Cut-resistant gloves:** Kevlar is used in cut-resistant gloves.
- **Protective apparel:** Kevlar is used in protective apparel for occupational accident prevention.
- **Sporting goods:** Kevlar is used in sporting goods like hockey sticks, boat hulls, and sport helmets.

**AVAILABLE FEATURES:**

- Laminations
- Coatings
- Impregnations

**SPECIFICATIONS:**

Industry standard tolerances: +/- 10%

SKU	US-Style	g/m(2)	oz/ sd(2)	Picks/ cm Warp	Picks/ inch Warp	Picks/ cm Weft	Picks/ inch Weft	Tensile Strength N/5cm warp	Tensile Strength N/5cm weft
16505	BallistoProtecto 120/550, 3.53 oz, 550 dtex, loom state, plain, weave, mainly soft ballistic	120	3.53	11	27.94	11	27.94	5000	5000
16506	BallistoProtecto 190/1100, 5.59 oz, 1100 dtex, loom state, plain, weave, hard & soft ballistic	190	5.59	8.5	21.59	8.5	21.59	7700	7700
16507	BallistoProtecto 200/930, 5.88 oz, 930 dtex, loom state, plain, weave, for soft ballistic	200	5.88	10.5	26.67	10.5	26.67	8000	8000
16508	BallistoProtecto 410/1680, 12.06 oz, 1680 dtex, loom state, basket weave, for mainly hard ballistic	410	12.06	12.7	32.26	12.7	32.23	15500	15500
16509	BallistoProtecto 410/3360, 12.06 oz, 3360 dtex, loom state, basket weave, for hard ballistic	410	12.06	6.3	16	6.3	16	15500	15500

**PRODUCT BULLETIN PERTAINS TO FOLLOWING SKUs:**

16505, 16506, 16507, 16508, 16509

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