

# Closed Joint-Stock Company Shchelkovskaya Silk-Weaving Factory

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## “Satellite-P” Body Armor

Modular body armor protects a person according to IIIA protection level (Standard NIJ 0101.06).

The body armor consists of front and back protectors with side plates, interconnected on the shoulders and sides with the fastening and adjusting system, providing individual fitting and eliminating displacement of armor during movement.

Pockets, in which the front, back and side protective barriers are placed, are located on the inner sides of the outer carriers of front and back protectors with side plates.

In the projection of front, back and side protective barriers, the body armor provides the all-round body protection according to IIIA protection level.

Modified damping system of body armor, made of polyethylene foam rollers and 3D grid, reduces after-penetration effect of contusion trauma and provides ventilation for the space under the vest.

Horizontal tapes with cells (MOLLE) are sewn on the front and back protectors and side plates to ensure installation of detachable equipment.



### Protection level - NIJ 0101.06 Standard.

- IIIA - .357 SIG full metal jacketed bullet with a weight of 8.1 g and the speed of 448 m/s  $\pm$  9.1 m/s,
- Magnum semi-jacketed hollow-point bullet with a weight of 15.6 g and the speed of 436 m/s  $\pm$  9.1 m/s

Conventional size	Protection area (dm <sup>2</sup> ), not less than	Weight of body armor according to protection level, not more than, kg
	Fabric protective barriers according to protection level IIIA NIJ	
	Protection area (dm <sup>2</sup> ), not less than	IIIA NIJ
I (96-104)	32.5	2.6
II (104-112)	34.0	2.7
III (112-120)	38.0	3.1