

“Niobium® SPM.3A,1.2304”

Soft Armor Panel

Protection level

according to NIJ 0101.04 STD: IIIA

according to NIJ 0115.00 STD:

Level 2 (Blades P1/A, S1/G)

Level 1 (Spike)



“Niobium® SPM.3A,1.2304” is a **multi-threat** soft armor hybrid panel manufactured combining **UHMWPE** and **UD Aramid** materials, providing protection from **firearms, blades & spikes**.

The combination of **UHMWPE** and **UD Aramid** materials results in a **flexible** and **lightweight** panel which has extremely low penetration figures at all the **NIJ 0115.00 STD** blades & spikes. At the same time, it provides a very low **Back Face Signature** against **9x19mm FMJ** and **.44 Magnum SJHP REMINGTON** calibers when tested according to **NIJ 0101.04 STD**.

With a **thinness** of **12mm** and **weight** of **7,20kg/m²**, “Niobium® SPM.3A,1.2304” **multi-threat** soft armor panel is the ideal choice for those who are in the front line facing numerous and unexpected threats!

Technical Specifications:

Model / Type:	“Niobium® SPM.3A,1.2304”, soft armor panel
Code:	BA.3.0.8.8.0
Level of Protection:	IIIA acc. to NIJ 0101.04 STD Level 2 acc. to NIJ 0115.00 STD (Blades P1/A & S1/G) Level 1 acc. to NIJ 0115.00 STD (Spike NIJ)
Certificate:	By accredited, acc. to EN ISO/IEC 17025:2017, laboratory AITEX Spain
Weight:	7,20 kg/m²
Thinness:	≤ 12 mm

Soft Armor Panel's Features:

▪ Average BFS:	.44 Magnum SJHP REMINGTON	≤ 25mm
▪ Average BFS:	9x19mm FMJ	≤ 15mm

Soft Armor Panel's Additional Features / Extra Threats:

▪ Average V50	(9x19mm 8g FMJ RN)	≥ 550m/s	acc. to NIJ 0101.04 STD
▪ Blade S1/G	maximum perforation @ 33J	≤ 0mm	acc. to NIJ 0115.00 STD
▪ Blade S1/G	maximum perforation @ 50J	≤ 0mm	acc. to NIJ 0115.00 STD
▪ Blade P1/A	maximum perforation @ 33J	≤ 3mm	acc. to NIJ 0115.00 STD
▪ Blade P1/A	maximum perforation @ 50J	≤ 13mm	acc. to NIJ 0115.00 STD
▪ Spike NIJ	maximum perforation @ 24J	≤ 0mm	acc. to NIJ 0115.00 STD
▪ Spike NIJ	maximum perforation @ 36J	≤ 5mm	acc. to NIJ 0115.00 STD

Available with the following carriers:

Undershirt I, II	Tactical I, II, III
VIP I	Marine I
Concealable I, II, III, IV, V, VI	Instructor I
Duty I, II, III, III-M, IV, V	

Sizes:	Small – 3X Large
Colors:	Black – White
Guarantee:	10 years
Quality Assurance:	ISO 9001:2015
Product Insurance Liability:	Lloyds London

