

US NIJ 0101.04

Ballistic threat levels and NIJ standards (The National Institute of Justice (N.I.J.)) is a branch of the US Department of Justice. Within N.I.J. a program for standardization and testing was developed with the objective of defining minimum performance parameters for equipment of the police force. These standards were repeatedly updated in order to remain adequate to the increasing threat levels facing persons in the state police forces.

The following table includes detailed information on the US NIJ 0101.04 standard. Sentinel Tailors clothing fulfills parameters defined by this standard.

Class	Test-Bullet	Bullet-Producer	Bullet-Weight [g] [gr.]	Bullet- Velocity [m/s] [ft/s]	Max. BFD [m]	Max. BFD [mm]	Angle Test [° Nato]	Wet Test yes/no	Padding down yes/no	No. of shots per panel	No. of tests
I	.22 caliber LR LRN	not spec.	2,6 40	329+-9 1080+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
	.380 ACP FMJ RN	not spec.	6,2 95	322+-9 1055+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
II-A	9 mm FMJ RN	not spec.	8 124	341+-9 1120+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
	.40 S&W FMJ RN	not spec.	11,7 180	322+-9 430+-10	5	44	0° 4x 30° 2x	yes only	yes	6	4
II	9 mm FMJ RN	not spec.	8 124	367+-9 1205+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
	.357 Mag. JSP	not spec.	10,2 158	436+-9 1430+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
III-A	9 mm FMJ RN	not spec.	8 124	436+-9 1430+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
	.44 Mag. JHP	not spec.	15,6 240	436+-9 1430+-30	5	44	0° 4x 30° 2x	yes only	yes	6	4
III	7,62 mm Nato FMJ	not spec.	9,6 148	848+-9 2780+-30	15	44	0°	yes only	yes	6	2
IV	.30 caliber M2 AP	not spec.	10,8 166	878+-9 2880+-30	15	44	0°	yes only ano		1	2