

Nexus Body Armour
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Ballistic Resistance Evaluation Test Report

Nexus Body Armour supplied hard armour plates, NIJ III+, to be used in conjunction with soft body armour, AP00167A, for testing in accordance to the NIJ Standard 0101.06 level III.

The standard allows up to 44mm of back-face signature (trauma) into a clay block and the ammunition used is 7.62 x 51 mm NATO Ball at a velocity of 847 m/s \pm 9 m/s. The range temperature at the time of testing was 22°C and the relative humidity 48%. The results are tabulated below.

Hard Armour Plate Serial No: 169 432

Weight Hard Armour Plate: 1.35 kg

Soft Armour Serial No: 525107

Shot No	Shot Angle	Velocity (m/s)	Held/ Perforated	Trauma (mm)	Comments
1	0°	846	Held	33	
2	0°	841	Held	31	
3	0°	842	Held	35	
4	0°	842	Held	34	
5	0°	845	Held	43	
6	0°	842	Held	34	