

Nexus Body Armour
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Ballistic Resistance Evaluation Test Report

Nexus Body Armour supplied hard armour plates, NIJ IV, to be used in conjunction with soft body armour, AP00167A, for testing in accordance to the NIJ Standard 0101.06 level IV. However, the ammunition used for this test was 7.62 x 54R B32 at a velocity of 820 m/s \pm 9 m/s.

The standard allows up to 44mm of back-face signature (trauma) into a clay block. The range temperature at the time of testing was 21°C and the relative humidity 48%. The results are tabulated below.

Hard Armour Plate Serial No: 169 473

Weight Hard Armour Plate: 2.8 kg

Soft Armour Serial No: 525109

Shot No	Shot Angle	Velocity (m/s)	Held/ Perforated	Trauma (mm)	Comments
1	0°	816	Held	23	