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Ballistic Resistance Evaluation Test Report

Nexus Body Armour supplied a ballistic helmet, NIJ IIIA, for testing in accordance to the NIJ Standard 0101.04 level IIIA.

The standard allows up to 44mm of back-face signature (trauma) into a clay block and the ammunition used is 0.44 Mag SJHP at a velocity of $436 \text{ m/s} \pm 9 \text{ m/s}$. The range temperature at the time of testing was 21°C and the relative humidity 46%. The results are tabulated below.

Ballistic Helmet Serial No: F20 395

Shot No	Shot Angle	Velocity (m/s)	Held/ Perforated	Comments
1	0°	442	Held	
2	0°	432	Held	
3	0°	444	Held	
4	0°	442	Held	