



## National Institute of Justice (NIJ) Standard 0101.04 Ballistic Test Chart

NIJ Certified – US NIJ Standard 0101.04 is a standard for Ballistic Resistance of Police Body Armor developed by the law enforcement standards laboratory of the National Institute of Justice (NIJ), US Department of Justice, Washington DC.

Armor Type	Test Round	Test Bullet	Bullet Weight/Grain	Reference Velocity	Max Backface Deformation
<b>I</b>	1	.22 Caliber LR LRN	2.6 g/40 gr.	1080±30 ft/s (329±10 m/s)	1.73 in (44 mm)
	2	.380 ACP FMJ RN	6.2 g/95 gr.	1055±30 ft/s (322±10 m/s)	1.73 in (44 mm)
<b>IIA</b>	1	9 mm FMJ RN	8.0 g/124 gr.	1120±30 ft/s (341±10 m/s)	1.73 in (44 mm)
	2	40 S&W FMJ	11.7 g/180 gr.	1055±30 ft/s (322±10 m/s)	1.73 in (44 mm)
<b>II</b>	1	9 mm FMJ RN	8.0 g/124 gr.	1205±30 ft/s (367±10 m/s)	1.73 in (44 mm)
	2	.357 Mag JSP	10.2 g/158 gr.	1430±30 ft/s (436±10 m/s)	1.73 in (44 mm)
<b>IIIA</b>	1	9 mm FMJ RN	8.2 g/124 gr.	1430±30 ft/s (436±10 m/s)	1.73 in (44 mm)
	2	44 Mag SJHP	15.6 g/240 gr.	1430±30 ft/s (436±10 m/s)	1.73 in (44 mm)
<b>Levels for Hard Shields Only:</b>					
<b>III</b>	1	7.62 mm NATO FMJ	9.6 g/148 gr.	2780±30 ft/s (847±10 m/s)	1.73 in (44 mm)
<b>IV</b>	1	.30 Caliber M2 AP	10.8 g/166 gr.	2880±30 ft/s (878±10 m/s)	1.73 in (44 mm)

Abbreviations:

AP – Armor Piercing

FMJ – Full Metal Jacket

JSP – Jacketed Soft Point

LRHV – Long Rifle High Velocity

RN – Round Nose

SJHP – Semi-Jacketed Hollow Point

SWC – Semi-Wadcutter

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