



National Institute of Justice (NIJ)

Ratings of Bullet-Resistant Materials

RATING	AMMUNITION	GRAIN	(g)	VELOCITY MINIMUM (fps)	VELOCITY MINIMUM (mps)	NO. OF SHOTS
Type I	.22 Long Rifle High Velocity	40	2.6	1050 +/- 40	320 +/- 12	5
Type I	.38 Special Round Nose Lead	158	10.2	850 +/- 50	259 +/- 15	5
Type II-A	.357 Magnum Jacketed Soft Point	158	10.2	1250 +/- 50	381 +/- 15	5
Type II-A	9mm Full Metal Jacket	124	8	1090 +/- 40	332 +/- 12	5
Type II	.357 Magnum Jacketed Soft Point	158	10.2	1395 +/- 50	425 +/- 15	5
Type II	9mm Full Metal Jacket	124	8	1175 +/- 40	358 +/- 12	5
Type III-A	.44 Magnum Lead Semi-Wadcutter Gas Checked	240	15.6	1400 +/- 50	426 +/- 15	5
Type III-A	9mm Full Metal Jacket	124	8	1400 +/- 50	426 +/- 15	5
Type III	7.62mm 308 Winchester Full Metal Jacket	150	9.7	2750 +/- 50	838 +/- 15	5
Type IV	.30-06 Armor Piercing	166	10.8	2850 +/- 50	868 +/- 15	5