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BULLET & BLAST RESISTANT PRODUCTS

NIJ STANDARD 0801-01 BALLISTIC RESISTANT PROTECTIVE MATERIALS

Armor Type	Test Ammunition	Normal Bullet Mass	Suggested Barrel Length	Required Bullet Velocity	Required Hits Per Armor Specimen	Permitted Penetrations
I	22 LRHV Lead	2.6 g 40 gr	15 to 16.5 cm 6 to 6.5 in	320 ± 12 m/s 1050 ± 40 ft/s	5	0
	38 Special RN Lead	10.2 g 158 gr	15 to 16.5 cm 6 to 16.5 in	259 ± 15 m/s 850 ± 50 ft/s	5	0
II-A	357 Magnum JSP	10.2 g 158 gr	10 to 12 cm 4 to 4.75 in	381 ± 15 m/s 1250 ± 50 ft/s	5	0
	9 mm FMJ	8.0 g 124 gr	10 to 12 cm 4 to 4.75 in	332 ± 12 m/s 1090 ± 40 ft/s	5	0
II	357 Magnum JSP	10.2 g 158 gr	15 to 16.5 cm 6 to 6.5 in	425 ± 15 m/s 1395 ± 50 ft/s	5	0
	9 mm FMJ	8.0 g 124 gr	10 to 12 cm 4 to 4.75 in	358 ± 12 m/s 1175 ± 40 ft/s	5	0
III-A	44 Magnum Lead	15.55 g 240 gr	14 to 16 cm 5.5 to 6.25 in	426 ± 15 m/s 1400 ± 50 ft/s	5	0
	SWC Gas Checked 9 mm FMJ	8.0 g 124 gr	24 to 26 cm 9.5 to 10.25 in	426 ± 15 m/s 1400 ± 50 ft/s	5	0
III	7.62 mm 308 Winchester FMJ	9.7 g 150 gr	56 cm 22 in	838 ± 15 m/s 2750 ± 50 ft/s	5	0
IV	30-06 AP	10.8 g 166 gr	56 cm 22 in	868 ± 15 m/s 2850 ± 50 ft/s	1	0

Abbreviations: AP - Armor Piercing LRHV - Long Rifle High Velocity
 FMJ - Full Metal Jacket RN - Round Nose
 JSP - Jacketed Soft Point SWC - Simi-Wadcutter