

NIJ 0108.01-BALLISTIC RESISTANT PROTECTIVE MATERIALS

RATING	EXAMPLE WEAPON	AMMUNITION	VELOCITY (FPS)	TYPICAL SHOT PATTERN/SAMPLE	COMPLIANT PRODUCTS						
Level I		(5) .38 Special 158 Round nose lead	800-900 [244-274 m/s]								
		(5) .22LR High velocity lead	1010-1090 [308-332 m/s]								
Level II-A		(5) .357 Magnum 158 Grain jacketed lead soft point	1200-1300 [366-396 m/s]			<p>Glass/Polycarbonate: ARMORGARD™ .88" [22mm] SP188 All Glass: ARMORGARD™ .94" [24mm] BRN2A94 (test size non-typical)</p>					
		(5) 9mm 124 Grain FMJ lead core	1050-1130 [320-344 m/s]								
Level II		(5) .357 Magnum 158 Grain jacketed lead soft point	1345-1445 [410-440 m/s]								
		(5) 9mm 124 Grain FMJ lead core	1135-1215 [346-370 m/s]								
Level III-A		(5) .44 Magnum 240 Grain lead semi-wadcutter gas checked	1350-1450 [411-441 m/s]						<p>All Plastic: LEXGARD® 1.25" [32mm] SP1250 Glass/Polycarbonate: 1.2" [30mm] SP412 Glass/Glass FE/BR: ARMORGARD™ Ultimate 1.3" [33mm] SP3A13</p>		
		(5) 9mm 124 Grain FMJ lead core	1350-1450 [411-441 m/s]								
Level III		(5) 7.62mm/308 150 Grain rifle lead core full metal copper jacket, military ball	2700-2800 [823-853 m/s]							<p>Typical Test size. NIJ 0108.01 requires sampling to be at least 12x12" and to space hits as evenly as possible.</p>	<p>Glass/Polycarbonate: ARMORGARD™ 1.6" [41mm] SPN316</p>
		(5) 9mm 124 Grain FMJ lead core	1350-1450 [411-441 m/s]								
Level IV		(1) .30-06 166 Grain Armor Piercing	2800-2900 [853-883 m/s]		<p>Glass/Polycarbonate: ARMORGARD™ 2.19" [56mm] SPN420</p>						
		(5) 9mm 124 Grain FMJ lead core	1350-1450 [411-441 m/s]								

The information in this chart is for general reference only; contact your Isoclima representative for additional details or specific inquiries.

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