

RIFLE THREAT PERFORMANCE MATRIX



BALLISTIC INSERTS

SERIES	MODEL	RATING	WEIGHT	THICKNESS	LEAD CORE				MILD STEEL CORE				ARMOR PIERCING CORE				ENHANCED PERFORMANCE			
					5.56 x 45 mm - M193 Max Velocity 3150 ft/s (960 m/s)	7.62 x 39 mm - M67 Max Velocity 2390 ft/s (728 m/s)	7.62 x 51 mm - M80 Max Velocity 2800 ft/s (853 m/s)	7.62 x 63 mm - JSP Max Velocity 2780 ft/s (847 m/s)	5.56 x 45 mm - M855/SS109 Max Velocity 3150 ft/s (960 m/s)	7.62 x 39 mm - M43 Max Velocity 2390 ft/s (728 m/s)	7.62 x 54R - LPS Max Velocity 2850 ft/s (869 m/s)	7.62 x 39 mm - AP1 Max Velocity 2390 ft/s (728 m/s)	7.62 x 54R B-32 - AP1 Max Velocity 2850 ft/s (869 m/s)	7.62 x 51 mm - M61 Max Velocity 2850 ft/s (869 m/s)	7.62 x 63 mm - AP M2 Max Velocity 2900 ft/s (884 m/s)	5.56 x 45 mm - M855A1 Max Velocity 3050 ft/s (930 m/s)	7.62 x 51 mm - M80A1 Max Velocity 3050 ft/s (930 m/s)	Shooter	LE	SAPI
800	3800*	NIJ Level III	2.2 lb / 1.0 kg	1.05 in / 27 mm	■	■	■	■	■									✓	✓	✓
	3800C*	NIJ Level III	2.4 lb / 1.1 kg	0.95 in / 24 mm	■	■	■		■										✓	✓
	3800LV	NIJ Level III (ICW)	2.1 lb / 1.0 kg	0.55 in / 14 mm	■	■	■	■	■									✓	✓	✓
	3810*	NIJ Level III+	3.9 lb / 1.8 kg	0.98 in / 25 mm	■	■	■	■	■	■								✓	✓	✓
	3810B	NIJ Level III+	4.1 lb / 1.9 kg	1.12 in / 28 mm	■	■	■	■	■	■								✓	✓	✓
	3810LV	NIJ Level III+ (ICW)	3.9 lb / 1.7 kg	0.60 in / 15 mm	■	■	■	■	■	■								✓	✓	✓
	4800	NIJ Level IV	4.9 lb / 2.2 kg	1.04 in / 26 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	✓	✓	✓
	4800LV	Special Rifle Threats	4.7 lb / 2.1 kg	0.67 in / 17 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	✓	✓	✓
	4800LVC	Special Rifle Threats	4.9 lb / 2.3 kg	0.71 in / 18 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	✓	✓	✓
600	3611C*	NIJ Level III+	3.9 lb / 1.8 kg	1.05 in / 27 mm	■	■	■	■	■									✓	✓	
	4601*	NIJ Level IV	6.4 lb / 2.9 kg	1.18 in / 30 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	✓	✓	✓
400	3402*	NIJ Level III	3.2 lb / 1.4 kg	1.22 in / 31 mm	■	■	■	■	■									✓		
	4400MC	NIJ Level IV	7.9 lb / 3.6 kg	0.83 in / 21 mm	■	■	■	■	■	■	■	■	■	■	■	■	■		✓	✓
200	L210	Special Rifle Threats	5.5 lb / 2.5 kg	0.59 in / 15 mm	■	■			■	■						■		✓		
	M210	Special Rifle Threats	5.1 lb / 2.3 kg	0.61 in / 15 mm	■	■			■	■						■		†	✓	
	U210	Special Rifle Threats	3.9 lb / 1.8 kg	0.56 in / 14 mm	■	■			■	■						■		✓	✓	
	D220**	DEA Special Threats	5.7 lb / 2.6 kg	0.68 in / 17 mm			■		■	■								✓	✓	✓

* NIJ Certified / CPL Listed **Additional D220 DEA-specified threats tested: ■ .223 Remington Bonded Soft Pt, 62 gr @ 2620 ± 50 fps ■ .308 Winchester PSPB, 150 gr @ 2600 ± 50 fps
 See D220 Tech Sheet for more information about DEA-specified threats and testing protocol.

† Swimmer Cut
 MC Multi Curve
 SC Single Curve

Weights based on 10 x 12 in / 254 x 305 mm torso plates. (4400MC based on nearest equivalent 9.5 x 12.5 / 241 x 318 mm size.)

For information about model P210 (hand gun protection) and 100 SERIES Trauma and Side plates, please go to hesco.com or contact your Hesco Armor representative.

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