

BALLISTIC INSERTS THREAT PERFORMANCE MATRIX



					A M M U N I T I O N													CUTS & CURVES				
					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 2990 ft/s (728 m/s)	7.62 x 51 mm - M80 Max Velocity 2800 ft/s (853 m/s)	7.62 x 63 mm - M80 Max Velocity 2780 ft/s (847 m/s)	5.56 x 45 mm - JSP Max Velocity 3150 ft/s (960 m/s)	7.62 x 39 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 - API Max Velocity 2990 ft/s (728 m/s)	7.62 x 54R B-32 - API Max Velocity 2850 ft/s (869 m/s)	7.62 x 51 mm - M61 Max Velocity 2830 ft/s (863 m/s)	5.56 x 45 mm - AP M2 Max Velocity 2900 ft/s (884 m/s)	7.62 x 51mm - M80A1 Max Velocity 3050 ft/s (930 m/s)	Shooter	Full	SAPI		
MODEL	RATING	WEIGHT	THICKNESS	RIFLE																		
800 SERIES	BI 3800	NIJ Level III	2.2 lb/1.0 kg	1.05 in/27 mm	■	■	▲	■		■												
	BI 3810	NIJ Level III+	3.9 lb/1.8 kg	0.98 in/25 mm	■	■	▲	■	■	■												
	BI 4800	NIJ Level IV	4.9 lb/2.2 kg	1.04 in/26 mm	■	■	▲	■	■	■	■	■	■	■	■	■	■					
600 SERIES	BI 3600	NIJ Level III	2.8 lb/1.3 kg	1.20 in/30 mm	■	■	▲	■		■												
	BI 3610	NIJ Level III+	4.3 lb/2.0 kg	1.14 in/29 mm	■	■	▲	■	■	■												
	BI 4600	NIJ Level IV	6.0 lb/2.7 kg	1.19 in/30 mm	■	■	▲	■	■	■	■	■	■	■	■	■	■					
400 SERIES	BI 3401	NIJ Level III	3.2 lb/1.5 kg	1.26 in/32 mm	■	■	▲	■		■												
	BI 3410	NIJ Level III+	5.8 lb/2.6 kg	1.10 in/28 mm	■	■	▲	■	■	■	■	■										
	BI 4400	NIJ Level IV	7.5 lb/3.4 kg	0.93 in/24 mm	■	■	▲	■	■	■	■	■	■	■	■	■	■					
200 SERIES	BI L210	SPECIAL	5.5 lb/2.5 kg	0.59 in/15 mm	■	■			■	■		■										
	BI U210	SPECIAL	3.9 lb/1.8 kg	0.56 in/14 mm	■	■			■	■		■				■						
	BI P210	NIJ Level IIIA+	1.0 lb/0.5 kg	0.27 in/7 mm	■	■	■	■	■	■	■	■	■	■								
HAND GUN																						
					9 x 19 mm Parabellum	.45 ACP	.40 S&W	FN 5.7 x 28 mm	.357 Magnum	.357 SIG	.44 Magnum	7.62 x 25 mm Tokarev										

All weights based on 10" x 12" torso plate.

Additional hand gun ammunition types were successfully tested. Contact Hesco Armor for a complete list.

For information on 100 SERIES Trauma and Side plates, please go to hesco.com

▲ NIJ Level III Certification Threat
□ NIJ Level IV Certification Threat