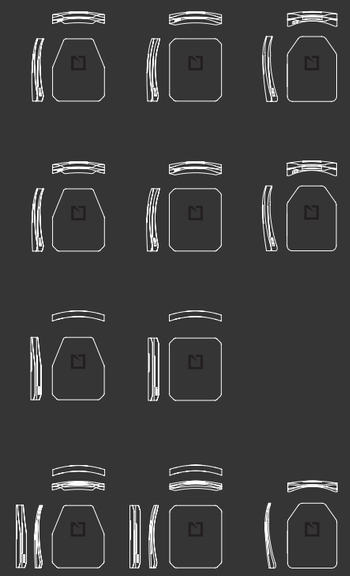
THREAT PERFORMANCE MATRIX



	MODEL	RATING	WEIGHT	THICKNESS	CUTS AND CURVE		
	RIFLE				SHOOTER	FULL	SAPI
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	●		●
	HAND GUN						
	BI P210	NIJ Level IIIA+	1.0 lb/0.5 kg	0.27 in/7 mm	●○	●○	●○

	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 - API Max Velocity 2390 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)	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 51mm - M80A1 Max Velocity 3050 ft/s (930 m/s)		
BI 3800	■	■	▲	■		■									BI 3800
BI 3810	■	■	▲	■	■	■	■								BI 3810
BI 4800	■	■	▲	■	■	■	■	■	■	■	□	■	■		BI 4800
BI 3600	■	■	▲	■		■									BI 3600
BI 3610	■	■	▲	■	■	■									BI 3610
BI 4600	■	■	▲	■	■	■	■	■	■	■	□				BI 4600
BI 3401	■	■	▲	■		■									BI 3401
BI 3410	■	■	▲	■	■	■	■	■							BI 3410
BI 4400	■	■	▲	■	■	■	■	■	■	■	□				BI 4400
BI L210	■	■			■	■		■							BI L210
BI U210	■	■			■	■		■				■			BI U210
BI P210	■	■	■	■	■	■	■	■							BI P210

	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
BI P210	■	■	■	■	■	■	■	■

All weights based on 10x12 torso plate

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

● *Multi Curve*

○ *Single Curve*

▲ *NIJ Level III Certification Threat*

□ *NIJ Level IV Certification Threat*

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