BALLISTIC INSERT

THREAT PERFORMANCE MATRIX

HESCO®

	MODEL	RATING	WEIGHT	THICKNESS	LEAD CORE					MILD STEEL CORE			ARMOR PIERCING CORE					ENHANCED PERFORMANCE			CUTS & CURVES
					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)	Shooter	LE	SAPI	
	RIFLE PROTECTION >>>																				
800 SERIES	BI 3800*	NIJ Level III	2.2 lb / 1.0 kg	1.05 in / 27 mm	■	■	▲	■		■								✔		✔	MULTI CURVE
	BI 3800C*	NIJ Level III	2.4 lb / 1.1 kg	0.95 in / 24 mm	■	■	▲			■									✔	✔	MULTI CURVE
	BI 3810*	NIJ Level III+	3.9 lb / 1.8 kg	0.98 in / 25 mm	■	■	▲	■	■	■	■							✔		✔	MULTI CURVE
	BI 4800	NIJ Level IV	4.9 lb / 2.2 kg	1.04 in / 26 mm	■	■	■	■	■	■	■	■	■	■	□	■	■	✔		✔	MULTI CURVE
	BI 4800LV	Special Rifle Threats	4.7 lb / 2.1 kg	0.67 in / 17 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	✔		✔	MULTI CURVE
600 SERIES	BI 3600*	NIJ Level III	2.8 lb / 1.3 kg	1.20 in / 30 mm	■	■	▲	■		■								✔		✔	MULTI CURVE
	BI 3611C*	NIJ Level III+	3.9 lb / 1.8 kg	1.05 in / 27 mm	■	■	▲		■	■									✔	✔	MULTI CURVE
400 SERIES	BI 3401*	NIJ Level III	3.2 lb / 1.5 kg	1.26 in / 32 mm	■	■	▲	■		■								✔			SINGLE CURVE
	BI 3401C*	NIJ Level III	3.4 lb / 1.5 kg	1.21 in / 31 mm	■	■	▲	■		■								✔			SINGLE CURVE
	BI 3410*	NIJ Level III+	5.8 lb / 2.6 kg	1.10 in / 28 mm	■	■	▲	■	■	■	■	■						✔			SINGLE CURVE
	BI 4401*	NIJ Level IV	7.4 lb / 3.3 kg	0.83 in / 21 mm	■	■	■	■	■	■	■	■	■	■	□			✔			SINGLE CURVE
	BI 4400MC	NIJ Level IV	7.9 lb / 3.6 kg	0.83 in / 21 mm	■	■	■	■	■	■	■	■	■	■	□					✔	MULTI CURVE
200 SERIES	BI L210	Special Rifle Threats	5.5 lb / 2.5 kg	0.59 in / 15 mm	■	■			■	■		■						✔			SINGLE CURVE
	BI U210	Special Rifle Threats	3.9 lb / 1.8 kg	0.56 in / 14 mm	■	■			■	■		■				■		✔		✔	MULTI CURVE
	HAND GUN PROTECTION >>>				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	Enhanced Pistol Threats	1.0 lb / 0.5 kg	0.27 in / 7 mm	●	●	●	●	●	●	●	●						✔		✔	MULTI CURVE

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

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

- * NIJ Certified / CPL Listed
- ▲ NIJ Level III Certification Threat
- □ NIJ Level IV Certification Threat
- ● Hand Gun Rounds *(Additional hand gun ammunition types were successfully tested. Contact Hesco Armor for a complete list.)*

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