

TECHNICAL SPECIFICATIONS 800 SERIES BALLISTIC INSERTS

4800 LEVEL IV • Stand Alone



THICKNESS: 1.04 in (26 mm)

SHOOTER CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
4800-SH-MC-L	10.0 x 12.0 in (254 x 305 mm)	4.9lb (2.2 kg)
4800-SH-MC-S	8.0 x 10.0 in (203 x 254 mm)	3.2 lb (1.5 kg)

SAPI CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
4800-SA-MC-XL	11.00 x 14.00 in (279 x 356 mm)	6.8 lb (3.1 kg)
4800-SA-MC-L	10.25 x 13.25 in (260 x 337 mm)	5.9lb (2.7 kg)
4800-SA-MC-M	9.50 x 12.50 in (241 x 318 mm)	5.1lb (2.3 kg)
4800-SA-MC-S	8.75 x 11.75 in (222 x 298 mm)	4.4lb (2.0 kg)



SHOOTER
SAPI
Recommended side plate pairing: 4101

Manufacturing Tolerances:

Thickness dimensions are ±1/8 in (± 3 mm). Width and length dimensions are +0.00 to -0.25 in (+0.00 to -6 mm). All weights are ± 5%.

THREAT PERFORMANCE MATRIX: 4800	LEAD CORE			MILD STEEL CORE			ENHANCED PERFORMANCE			ARMOR PIERCING CORE		
	5.56 x 45 mm - M193 Max Velocity 2950 ft/s (900 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 - JSR Max Velocity 2780 ft/s (847 m/s)	5.56 x 45 mm - M855/SS109 Max Velocity 3950 ft/s (990 m/s)	7.62 x 39 mm - M43 Max Velocity 2390 ft/s (728 m/s)	5.56 x 45 mm - M855A1 Max Velocity 2950 ft/s (900 m/s)	7.62 x 51 mm - M80A1 Max Velocity 2950 ft/s (900 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 - M67 Max Velocity 2830 ft/s (863 m/s)	7.62 x 63 mm - AP M2 ** Max Velocity 2900 ft/s (884 m/s)
4800-SH-MC-L	3	3	3	3	3	3	3	1	3	1	1	1
4800-SH-MC-S	3	3	3	3	3	3	3	1	3	1	1	1
4800-SA-MC-XL	3	3	3	3	3	3	3	1	3	1	1	1
4800-SA-MC-L	3	3	3	3	3	3	3	1	3	1	1	1
4800-SA-MC-M	3	3	3	3	3	3	3	1	3	1	1	1
4800-SA-MC-S	3	3	3	3	3	3	3	1	3	1	1	1

* NIJ Level III Certification Threat ** NIJ Level IV Certification Threat

Hesco Testing Protocol

NIJ Certification of hard armor requires submission of 10" x 12" test plates which must demonstrate the ability to defeat specific rounds tested to a valid NIJ shot pattern, after exposure to a stringent conditioning protocol to simulate aging and wear. Level III requires six M80 rounds per plate. Level IV requires one AP M2 per plate.

NIJ's process provides for the inclusion of other size torso plates of identical construction to be included under the Certification without further NIJ testing.

Hesco holds itself to a higher standard by publishing the minimum number of shots that each size plate can be expected to defeat under similar NIJ testing methods, as well as listing many additional threats not addressed under the NIJ Certification process. The minimum number of shots are shown in the Threat Performance Matrix.

General Information

Advanced ceramic/Spectra® design. Mult shot rated on selected threats. Water repellent polyurethane coated CORDURA® fabric finish. Made in the U.S.A.

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard-0101.06 plus Special Rifle Threats validated.

Export Control Advisory

Model 4800 (USML Category X(d)(1)) is subject to the International Traffic in Arms Regulations (ITAR). It may not be sold or otherwise provided to any non-U.S. Person and/or exported or re-exported without a valid U.S. Department of State DTC export license, or applicable ITAR license Exemption.

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Quality Standards: Hesco operates a Quality Management System certified to ISO 9001:2015/BA 9000:2016. Approved Certificate Number: C2019-01385. AQAP 2110 Conformance, Approved Certificate Number: C2019-01645.

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