

TECHNICAL SPECIFICATIONS 200 SERIES BALLISTIC INSERTS

M210 SPECIAL RIFLE THREATS • Stand Alone



THICKNESS: 0.61 in (15 mm)

SWIMMER CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
M210-SW-MC-L	9.95 x 12.13 in (253 x 308 mm)	5.1lb (2.3 kg)
M210-SW-MC-S	9.14 x 11.13 in (232 x 283 mm)	4.4 lb (2.0 kg)

SAPI CUT - MULTI CURVE - TORSO PLATES

PART NUMBER	WIDTH x LENGTH	WEIGHT
M210-SA-MC-XL	11.00 x 14.00 in (279 x 356 mm)	6.7 lb (3.0 kg)
M210-SA-MC-L	10.25 x 13.25 in (260 x 337 mm)	5.8lb (2.6 kg)
M210-SA-MC-M	9.50 x 12.50 in (241 x 318 mm)	5.0lb (2.3 kg)
M210-SA-MC-S	8.75 x 11.75 in (222 x 298 mm)	4.3 lb (2.0 kg)



SWIMMER
SAPI
Recommended
side plate
pairing:
L110

Manufacturing Tolerances:

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

THREAT PERFORMANCE MATRIX:

M210

	LEAD CORE			MILD STEEL CORE			ENHANCED PERF	ARMOR PIERCING CORE
	5.56 x 45 mm - M93 Max Velocity 350 ft/s (960 m/s)	7.62 x 39 mm - M67 Max Velocity 2390 ft/s (728 m/s)	5.56 x 45 mm - M855 (SS109) Max Velocity 2950 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)	5.56 x 45 mm - M855A1 Max Velocity 2060 ft/s (630 m/s)	7.62 x 39 mm - API Max Velocity 2390 ft/s (728 m/s)	
M210-SW-MC-L	3	3	3	3	2	3	1	
M210-SW-MC-S	3	3	3	3	1	1	1	
M210-SA-MC-XL	3	3	3	3	2	3	1	
M210-SA-MC-L	3	3	3	3	2	3	1	
M210-SA-MC-M	3	3	3	3	2	3	1	
M210-SA-MC-S	3	3	3	3	1	1	1	

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.

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 at left.

Hesco engineers utilize various NIJ-valid shot patterns based on specific product goals such as minimizing plate weight and thickness, plate shape, or meeting end-user specifications. Before conducting independent testing, contact Hesco for specific shot pattern information.

General Information

Advanced Spectra® design. Full AK-47 protection including 7.62 x 39 API. Multi shot rated on selected threats. Water repellant polyurethane coated CORDURA® fabric finish. Made in the U.S.A.

NIJ Standard-0101.06

Special threat testing conducted in accordance with NIJ Standard-0101.06 (modified).

Export Control Advisory

Model M210 (ECCN 1A613.d.2) is subject to the Export Administration Regulations (EAR). 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 Commerce BIS export license, or applicable EAR license Exception.

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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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