



ABRAMS H UL III SA TECHNICAL SPECIFICATIONS

NIJ Certified LEVEL III STAND ALONE PLATE



Thickness: 1.0 in (26 mm)

General Information

Advanced Spectra® design. Buoyant. Multi shot rated on selected threats. Water repellant polyurethane coated 500 Denier CORDURA® fabric finish. Made in the U.S.A.

Manufacturing Tolerances

Thickness dimensions are ± 0.125 in (± 3 mm). Width and length dimensions are $+0$ to -0.25 in ($+0$ to -6 mm).

All weights are $\pm 4\%$.

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.



Shooter Cut • Multi Curve • Torso Plates

Part Number	Width x Length	Weight
PLTH103M1012SH	10 X 12 in (254 X 305 mm)	2.1 lb (1.0 kg)
PLTH103M810SH	8 x 10 in (203 x 254 mm)	1.4 lb (0.6 kg)



Sapi Cut • Multi Curve • Torso Plates

Part Number	Width x Length	Weight
PLTH103MXLSE	11 x 14 in (279 x 356 mm)	2.9 lb (1.3 kg)
PLTH103MLGSE	10.25 x 13.25 (260 x 337 mm)	2.5 lb (1.1 kg)
PLTH103MMDSE	9.5 x 12.5 in (241 x 318 mm)	2.2 lb (1.0 kg)
PLTH103MSMSE	8.75 x 11.75 in (222 x 298 mm)	1.9 lb (0.9 kg)
PLTH103MXSSE	7.25 x 11.5 in (184 x 292 mm)	1.5 lb (0.7 kg)

THREAT PERFORMANCE MATRIX

ABRAMS UL III SA	LEAD CORE				MILD STEEL CORE
	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)	7.62 x 39 mm - M43 Max Velocity 2390 ft/s (728 m/s)
PLTH103M1012SH	6	6	6	3	6
PLTH103M810SH	3	3	3	1	3
PLTH103MXLSE	6	6	6	3	6
PLTH103MLGSE	6	6	6	3	6
PLTH103MMDSE	6	6	6	3	6
PLTH103MSMSE	3	3	3	1	3
PLTH103MXSSE	3	3	3	1	3

* NIJ Level III Certification Threat

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.

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*Export Control Advisory

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