



Thickness: 0.6 in (15 mm)

General Information

Ceramic/composite design. Light AP protection including 7.62x39 API. Multi Shot rated on selected threats. Water repellent polyurethane coated 1000 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 $\pm 4\%$.



Shooter Cut • Single Curve • Torso Plates

Part Number	Width x Length	Weight
PLTH01STS1012SH	10 X 12 in (254 X 305 mm)	5.4 lb (2.5 kg)
PLTH01STS810SH	8 x 10 in (203 x 254 mm)	3.5 lb (1.6 kg)



Full Cut • Single Curve • Torso Plates

Part Number	Width x Length	Weight
PLTH01STS1012FC	10 x 12 in (254 x 305mm)	6.0 lb (2.7 kg)
PLTH01STS810FC	8 x 10 in (203 x 254mm)	3.9 lb (1.8 kg)

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.

THREAT PERFORMANCE MATRIX

H-SHOCK SA	THREAT PERFORMANCE MATRIX					
	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)	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 39 mm - API Max Velocity 2390 ft/s (728 m/s)	ARMOR PIERCING CORE
PLTH01STS1012SH	6	6	6	3	1	LEAD CORE
PLTH01STS810SH	3	3	3	3	1	MILD STEEL CORE
PLTH01STS1012FC	6	6	6	3	1	
PLTH01STS810FC	3	3	3	3	1	

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.

Central Lake Armor Express, Inc.

7915 Cameron Street
P.O. Box 516
Central Lake, MI 49622
Phone: (231) 544-6090
sales@armorexpress.com
www.armorexpress.com

*Export Control Advisory

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