



Thickness: 0.6 in (15 mm)



Single Curve • Side Plates

Part Number	Width x Length	Weight
PLTH12STS68FC	6 X 8 in (152 X 203 mm)	2.3 lb (1.0 kg)
PLTH12STS66FC	6 x 6 in (152 x 152 mm)	1.6 lb (0.7 kg)



Single Curve • Trauma Plates

Part Number	Width x Length	Weight
PLTH12STS710FC	7.0 x 10.0 in (178 x 254 mm)	2.9 lb (1.3 kg)
PLTH12STS79FC	7.0 x 9.0 in (178 x 229 mm)	2.5 lb (1.1 kg)
PLTH12STS58FC	5.0 x 8.0 in (127 x 203 mm)	2.2 lb (1.0 kg)
PLTH12STS57FC	5.0 x 7.05 in (127 x 178 mm)	1.9 lb (0.9 kg)

<p>General Information</p> <p>Ceramic/composite design. Light AP protection including 7.62 x 39 mm API. Water repellant polyurethane coated 1000 Denier CORDURA® fabric finish.</p> <p>Made in the U.S.A.</p>
<p>Manufacturing Tolerances</p> <p>Thickness dimensions are ± 0.125 in (± 3 mm). Width and length dimensions are +0 to -0.25 in (+0 to -6mm).</p> <p>All weights are ± 4%.</p>
<p>NIJ Standard - 0101.06</p> <p>Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard - 0101.06 plus Special Rifle Threats validated.</p>

THREAT PERFORMANCE MATRIX

H-SHOCK	LEAD CORE		MILD STEEL CORE		ARMOR PIERCING 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)	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)
PLTH12STS68FC	1	1	1	1	1
PLTH12STS66FC	1	1	1	1	1
PLTH12STS710FC	1	1	1	1	1
PLTH12STS79FC	1	1	1	1	1
PLTH12STS58FC	1	1	1	1	1
PLTH12STS57FC	1	1	1	1	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.

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