

Service
Steel
Aerospace
Corp.



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HARTFORD, CONNECTICUT
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Typical Armor Plate Applications

- *Armor upgrade kits for military vehicles*
- *Targets for ordnance testing*
- *Gun shields*
- *Raw material and cut parts for vehicle manufacturers*
- *Target material for research laboratories and institutes*

Inventory List

.125 x 48 x 96	2 x 72 x 144
.156 x 48 x 96	3 x 72 x 144
.312 x 72 x 144	4 x 72 x 144
.375 x 72 x 144	5 x 72 x 144
.250 x 72 x 144	40mm x 72 x 144
.500 x 72 x 144	60mm x 72 x 144
.625 x 72 x 144	80mm x 72 x 144
.750 x 72 x 144	110mm x 72 x 144
1.00 x 72 x 144	120 mm x 72 x 144
1.50 x 72 x 144	150mm x 72 x 144



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ARMOR PLATE

Steel Armor Plate	
RHA Armor Plate MIL-A-12560	
Class 1 - Ballistic Tested	Available in 1/4 to 6" thickness.
Class 2 - Ballistic Tested not Required	Available in 1/4 to 6" thickness.
Class 3 - Ballistic Tested	Available in 1/4 to 6" thickness.
RHA Armor Plate MIL-A-46177	Available below 1/4 thickness.
HHA Armor Plate MIL-A-46100	Available up to 2" thickness.

MIL A 12560 - This specification covers wrought steel homogeneous armor plate for use in combat vehicles and for proof and acceptance testing of armor-defeating ammunition.

Class 1 - Wrought armor is intended for use in those areas where maximum resistance to penetration by armor piercing types of ammunition is required.

Class 2 - Wrought armor is intended for use in those areas where maximum resistance to failure under conditions of high rates of shock loading is required and where resistance to penetration by armor piercing ammunition is of secondary importance. It is intended for use as protection against anti-tank land mines, hand grenades, bursting shells, and other blast-producing weapons.

Class 3 - Wrought armor is intended for use in the proof and acceptance testing of armor defeating ammunition. This class is not intended for use in combat vehicles. Lift holed requirements for class 3 armor will be specified by the procuring activity.

MIL A 46100 - This specification covers quenched and tempered, high-hardness wrought steel armor plate for lightweight armor applications.