

# PERSONAL BALLISTIC PLATES

Ballistic plates from AoA come in a variety of configurations for various tactical situations. From high performance light polyethylene to rugged Level IV ceramics, AoA manufactures a plate for any situation. AoA's polyethylene and SAPI plates can protect up to NIJ Level III+. Our ceramic line of plates has the capability of delivering protection up to NIJ Level IV as well as other distinct AP threats. AoA's plates have been tested and approved by many domestic and international laboratories.

## POLYETHYLENE BALLISTIC PLATES

Polyethylene armor plates manufactured by AoA provide superior protection at the lowest possible weights. These plates are manufactured using the highest quality materials. These plates have been tested, certified and approved by some of the most renowned domestic and international laboratories. Our plates offer excellent multi-hit capability and are safe from secondary fragment impacts. These plates are crack resistant and UV radiation resistant. Water, sunlight, temperature changes, acids and oils have no effect on them.

- These plates are manufactured with NIJ level III or Level III+ capabilities.



POLYETHYLENE PLATE

## SAPI BALLISTIC PLATES

These plates are among the most advanced body armor upgrade plates in the AoA arsenal. SAPI armor plates are manufactured based on the 'Small Arms Protective Inserts' deployed by the US Army. Highly protective in nature, they are capable of providing enhanced multi-hit protection from 3 hits with minimal trauma. These plates are designed for maximum comfort. SAPI plates have a multi-curve shape and size that allows them to be interchanged between the front and the back. Our SAPI plates are resistant to heat and cold temperatures, severe vibrations, fungus growth, direct flame, diesel fuel, water and oil.

- Protection up to NIJ Level III+ (while complying to back face deformation specifications).
- Plates fully contain spall, debris and residual ejections after ballistic impact.
- Able to withstand temperatures from -122 degrees F to 158 degrees F.
- SAPI plates retain ballistic integrity at altitudes of 40,500 ft.



SAPI PLATE

# PERSONAL BALLISTIC PLATES

## CERAMIC BALLISTIC PLATES

AoA offers highly cost-effective protection through its Ceramic Armor Plates, which can be used in vests or as stand alone plates. Our Ceramic Armor Plates use Aluminum Oxide (AlO<sub>3</sub>) on the strike face and various composites for the backing. These plates are available in various shapes, sizes and specifications. AoA's Ceramic armor has a well defined system of spall lining ceramic tiles and reinforced composite backing material. AoA uses various backing materials in its Ceramic armor such as Dyneema, Aramid and GRP.

- NIJ Level III & III+
- NATO Level IV (7.62x51 mm AP)
- NIJ Level IV (7.62x63 mm AP) M2
- Other distinct AP threats



CERAMIC PLATE



CERAMIC+ PLATE

## CERAMIC+ BALLISTIC PLATES

Ceramic+ Armor Plates are made using highly efficient ceramics like Silicon Carbide and Boron Carbide which is the third hardest material known to man. Ceramic+ armor plates from AoA offer enhanced protection at lighter weights than standard Ceramic armor while retaining all the other benefits that Ceramic offers. These plates are ideal for weight critical situations and are built with comfort and wearability in mind.

- NIJ Level III
- NIJ Level IV
- Russian Level 6

Contact us at [ginfo@aoa-usa.com](mailto:ginfo@aoa-usa.com) or 334-321-0762 for pricing or more information.