

# SAPI

## Small Arms Protective Inserts

With the increasing array and severity of ballistic threats on the battlefield advanced body armor inserts provide greater ballistic protection than can be accomplished by soft armor alone. BAE Systems offers a wide range of inserts that provide enhanced levels of ballistic protection. These upgraded inserts vary in weight, performance, and cost depending on the specific needs of the customer and mission.

BAE Systems pioneered the Small Arms Protective Insert (SAPI) to meet the demanding requirements of the United States armed services Interceptor program. Since 1999, BAE Systems has had a qualified SAPI armor plate in production for the U.S. Marine Corps and the U.S. Army. Today we offer a wide range of armor plates that provide the highest levels of enhanced ballistic protection.

### Performance

BAE System's SAPI plates have been fully qualified by the U.S. Government through rigorous independent physical, environmental, and ballistic testing. Our ballistic experts continue to enhance our SAPI product line to maintain leading edge performance and weight.

Specific product performance is as follows:

- Designed to U.S. military or NIJ requirements and specifications
- Full containment of spall, debris, and residual penetrator ejecta after ballistic impact
- Temperature and shock resistant in accordance with military specifications
- Fluid resistant when exposed to diesel fuel, oil, and salt water
- High altitude pressure resistant
- Fungus growth resistant

### KEY FEATURES

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Superior ballistic performance

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Lightweight

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Durable

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Variety of sizes available

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Optimized for fit and comfort



# SAPI

## Small Arms Protective Insert



### WEIGHTS & DIMENSIONS

Extra-Small:	1.72 kg (3.85 lb)
	.184 x .292 m (7.25 x 11.5 in)
Small:	2.11 kg (4.80 lb)
	.222 x .298 m (8.75 x 11.75 in)
Medium:	2.49 kg (5.50 lb)
	.241 x .318 m (9.5 x 12.5 in)
Large:	2.88 kg (6.30 lb)
	.260 x .337 m (10.12 x 13.25 in)
Extra-Large:	3.27 kg (7.20 lb)
	.280 x .356 m (11 x 14 in)
Side SAPI:	1 kg (2.30 lb)
	.15 x .2 m (6 x 8 in)



Side SAPI and carrier

### Features

- **Lightweight** - Lightest weight plates currently available
- **Highly Protective** - Provides multi-hit protection against multiple rounds, while minimizing blunt trauma
- **Durable** - Durability cover that allows the plate to be dropped on the strike face without ballistic degradation
- **Reliable** - Provides ballistic protection after exposure to:
  - Extreme temperatures
  - Diesel fuel, water, and oil
  - Severe vibration
  - Direct flame exposure
- **Convenient** - Available in five different sizes, covering the range of the 5th-percentile female to the 95th-percentile male
- **Easy to Use** - Interchangeable from front to back
- **Comfortable** - Multi-curved geometry that is designed to optimize the fit and comfort of the user

### FOR MORE INFORMATION CONTACT:

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