

# SS-FLEX® ARMOR

## SS-Flex® Hard Armor

SS-Flex® unidirectional fabric is ballistic fiberglass on steroids. SS-Flex® is an all purpose armor with the perfect balance of ballistics, cost, versatility, strength, and weight. It is lighter, more economical, and easier to cut and shape than woven fabric systems. SS-Flex® uses Super Strand fiber, a new generation of high performance Owens Corning glass fiber.

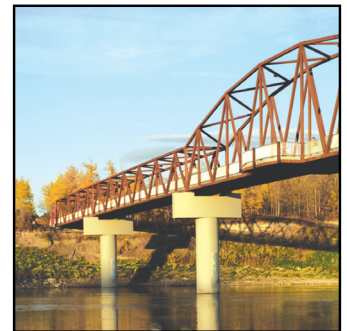
Our SS-Flex® Armor reinforcements are lighter and more affordable than most metal armor solutions, too, boasting the best ballistic performance of any fiberglass composite on the market today. SS-Flex® resists moisture and the elements.

### Benefits:

- Significantly Lighter Than Steel
- Excellent Structural Properties
- Substantial Cost Savings (compared to aramid)
- Exceptional Impact Energy Attenuation
- Extreme Temperature Resistance
- Superior Corrosion Resistance
- Works Efficiently in Composite With Aramids and Other Fibers

### Applications:

- Military and Law Enforcement Hard Armor
- Vehicle Armor Systems
- Aircraft Armor Systems
- Structural Composites
- Marine Armor Systems and Shields



### Technical Specifications

Multiple Layer Lamination	0/90 or any combination
Resin Content	15%-20%
Filaments	50% more than traditional aramid
Weight/Thickness	11.0 +/- 0.5 oz/yd <sup>2</sup>
Standard Widths	48", 56", 63"
Yards per Roll	150

### Products & Configurations

SS-Flex® H	11.0 +/- 0.5 oz/yd <sup>2</sup>	Best Value Hard Armor
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