

ARMORTEX® BULLET RESISTANT FIBERGLASS COMPOSITES

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There are reasons why we are the leading producer of bullet resistant fiberglass:

- ◆ Quality Control Through Our Own Manufacturing
- ◆ UL Listed Products
- ◆ All Protection Levels Available
- ◆ Same Day Shipment
- ◆ Factory Technical Support

Safeguard Security Services, the manufacturer of Armortex composite fiberglass panels, manufactures all UL Listed levels of bullet resistant protection. This composite material is made using a starch-oil woven roving ballistic grade fiber made by PPG Industries. We weave the cloth in-house where it is mechanically injected with a thermoset polyester resin and placed in a hydraulic hot press, then pressed into flat rigid sheets available in 3' or 4' widths and lengths of 8' or 9'. 10' lengths are available on request. By using a starch-oil ballistic grade fiber in our cloth, we can maximize our ballistic performances by consistently achieving a uniform resin-to-fiber ratio. This allows the proper de-lamination to encapture projectiles.



Excessive resin left behind in the manufacturing process results in a thicker, less safe product. By using the correct amount of pressure and heat during our curing process, excessive resin is eliminated from Armortex® Bullet Resistant Composite Fiberglass, always resulting in a product that provides the maximum amount of protection. Our Armortex® Bullet Resistant Composite Fiberglass is approved by the U. S. Marshal Service, the General Services Administration, and complies with NIJ standards.

NEW from Safeguard

FRAG-STOP BLAST-RESISTANT FIBERGLASS COMPOSITES

For Protection Against Blast Shrapnel & Simultaneous Multiple Handgun Attack *The logical upgrade from UL 3*

FS-3, one of Armortex's Frag-Stop Composites, is specifically designed, manufactured and certified to give a measured protection against shrapnel damage from blasts, as well as affording protection against simultaneous multiple handgun attacks. Certified by the Southwest Research Institute using MIL-STD-622F (V-50) and MIL-P-46593A (Fragment Simulating Projectiles), this new product is the logical upgrade that exceeds UL 3 by 70%. See our website at www.frag-stop.com.

NAME	THICKNESS	ARIAL DENSITY	PROJECTILE	BALLISTIC LIMIT
FS-1	0.29"	2.90 psf	.22 cal FSP	1690 fps
FS-2	0.46"	4.80 psf	.30 cal FSP	1786 fps
FS-3	0.77"	7.80 psf	.50 cal FSP	1723 fps

Above velocities are based on using 12" x 12" test samples