

ARMORTEX[®]

BULLET • BLAST • FORCED ENTRY PROTECTION PRODUCTS



ISO 9001:2008 CERTIFIED

BULLET RESISTANT DOORS AND WINDOWS
Wood, Steel & Aluminum Storefront Doors
Steel & Aluminum Windows

**BULLET/BLAST RESISTANT FIBERGLASS
COMPOSITE PANELS**

BLAST RESISTANT DOORS AND WINDOWS
Steel & Aluminum

DOS FORCED ENTRY DOORS AND WINDOWS
Hollow Metal Doors & Aluminum Windows

FEMA 361 CERTIFIED DOORS

FOR COMPLETE INFORMATION AND DETAILS ON ALL
BULLET/BLAST PROTECTION PRODUCTS WE OFFER
PLEASE VISIT WWW.ARMORTEX.COM

800.880.8306 • FAX 210.661.8308

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ARMORTEX® BULLET/BLAST PROTECTION FIBERGLASS COMPOSITE PANELS



- Quality Control Through Our Own Manufacturing
- UL Listed Products
- UL Levels 1-8 Available
- Same Day Shipment
- Factory Technical Support

Armortex®, the manufacturer of Armortex® composite fiberglass panels, manufactures UL Listed bullet resistant products. This composite material is made using woven roving ballistic grade fiber. We weave the cloth in-house where it is mechanically injected with a thermoset resin and placed in a hydraulic hot press, then pressed into flat rigid sheets available in 3' or 4' widths and lengths of 8', 9' or 10' lengths are available on request. By using a 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 Panels are approved by the U. S. Marshal Service, the General Services Administration, and complies with NIJ.

FIBERGLASS COMPOSITE BALLISTIC CHARTS • U.L. UNDERWRITERS LABORATORY

ARMORTEX® PRODUCT	NOMINAL WEIGHT LBS./SQ. FT. (KGS./SQ. MTR.)	NOMINAL THICKNESS INCHES (mm)	LEVEL	WEAPON	AMMUNITION	VELOCITY FT./SEC.
UL O.F. 100	2.0 (10)	3/16 (5)	UL1 (MPSA)	9 mm	124 GR FMJ	1175-1295
UL O.F. 200	3.0 (15)	5/16 (8)	UL 2 (HPSA)	.357 MAGNUM	158 GR SP	1250-1375
UL O.F. 300	4.0 (20)	7/16 (12)	UL 3 (SPSA)	.44 MAGNUM	240 GR LEAD MS	1350-1485
UL O.F. 400	12.0 (59)	1-3/16 (30)	UL 4 (HPR)	.30 cal RIFLE	180 GR SP	2540-2794
UL O.F. 500	14.5 (71)	1-3/8 (35)	UL 5	7.62 mm RIFLE	150 GR FMJ	2750-3025
UL O.F. 600	3.0 (15)	5/16 (8)	UL 6	9 mm UZI	124 GR FMJ MULTIPLE SHOTS MS	1400-1540
UL O.F. 700	11.5 (57)	1-1/8 (29)	UL 7	5.56 mm M-16	55 GR FMJ MULTIPLE SHOTS MS	3080-3388
UL O.F. 800	14.5 (71)	1-3/8 (35)	UL 8	7.62 mm M-14	150 GR FMJ MULTIPLE SHOTS MS	2750-3025

NOTES: UL Listed product levels 1,2,3,4,5,6,7 and 8

ALL THE ABOVE PRODUCTS ARE UL LISTED

UL - Underwriters Laboratory HPSA - High Power Small Arms JSP - Jacketed Soft Point
 SP - Soft Point SPSA - Super Power Small Arms
 GR - Grains HPR - High Power Rifle
 MPSA - Medium Power Small Arm FMJ - Full Metal Jacket

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BLAST MITIGATION WINDOWS, DOORS FORCED ENTRY WINDOWS, DOORS / FEMA 361 DOORS

In an increasingly unfriendly world we are seeing the growing use of explosive devices as tools of terrorism. Governments as well as private industry have developed new standards to address the threats to facilities and occupants. For blasts to be effective they must be close to the chosen target. Though it is not always possible to control the setback or standoff distance, windows and doors can be designed to mitigate most blast incidences. With these designs blast mitigation can be achieved to lessen injury and loss of life.



BULLET OR BLAST
RESISTANT STEEL
DOOR

Armortex® offers several product groups:

- Bullet Resistant windows and doors (UL Levels 1-10 & NIJ Levels I - IV)
- Blast Resistant windows and doors (aluminum windows are thermally broken)
 - The 625 BL window protects against high blast overpressure up to 42 psi as well as .30 caliber Armor Piercing (AP) bullet resistance. Typical applications are extreme weather conditions, military bases and Dept. of State facilities.
 - The LP blast windows protect against low blast overpressure up to 6 psi (in compliance with UFC 4-010-01 Jan. 2007, GSA-TS01-2003, ASTM F 1642-04). Models include 225 Projected, 225 Fixed, 225 Casement, 400 Single Hung, 400 Fixed and 400 Slider. Typical applications are extreme weather conditions, military bases and GSA facilities.
 - Hollow Metal Blast Resistant Windows and Doors.
- FEMA 361 certified doors
 - Protection against tornado force winds and flying debris



625 ALUMINUM
BULLET/BLAST
FIXED WINDOW

ARMORTEX® LIMITED WARRANTY

Armortex® provides a limited warranty for its Armortex® products for a period of twelve months (1 year) from date of shipment against defects in material and workmanship. Such limited warranty is made only to those who purchase these products directly from Armortex. Please contact Armortex for the complete limited warranty. Armortex® products are designed for installation by persons having requisite skill and knowledge and at their own discretion and risk. Armortex® has no control over the use to which others may put any material or product. Each user of the material or product should make his or her own tests to determine the suitability of the material or product. Liability under this limited warranty is limited to either replacement of product, excluding cost of installation, or at Armortex®'s option to refund Armortex®'s invoice price. Armortex® is a registered trademark of Armortex®, Inc.

ARMORTEX®

BULLET • BLAST • FORCED ENTRY PROTECTION PRODUCTS

BULLET RESISTANT PRODUCTS

ARCHITECTURAL ALUMINUM FRAMING SYSTEMS



METAL PACKAGE RECEIVERS



BULLET RESISTANT TRANSACTION DRAWERS



TRANSACTION WINDOW-CLAMP TYPE



FIXED STAINLESS STEEL WINDOW



BULLET RESISTANT WOOD DOORS



BAFFLE TRANSACTION WINDOW



STAINLESS STEEL "C" CHANNEL UL LISTED TRANSACTION WINDOW



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