

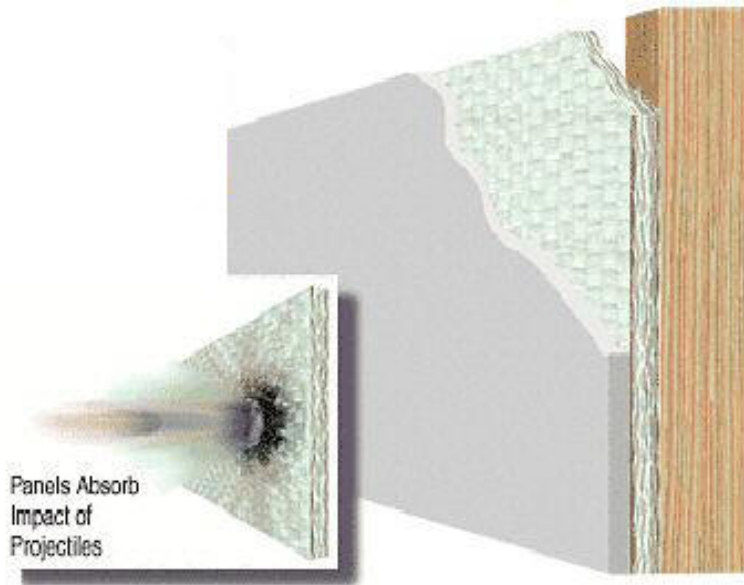


# ADVANCED PROTECTION PRODUCTS INC.

*Your Protection Specialists*

## Protective Panels for Lining Doors and Walls:

- Overview:
  - Surrounding Security Enclosures
  - Available Protection Levels 1 - 8
  - UL Listed with 1 hour fire rating
- Features:
  - Bullet Resistant Fiberglas Panels are flat sheets of a polyester laminate reinforced with a fiberglass scrim to create a material with superior durability.
  - The densely packed structure of the panel exhibits an excellent capability to absorb multiple impacts from high velocity projectiles, limiting ricochet or shattering.
  - They meet standards of U.L.752 Ballistic Performance Requirements Test, as well as all bullet resistant test requirements set forth by the National Institute of Justice.
  - Typical applications include lining of bank teller counters, ticket booths, judge's benches, doors and walls of secure enclosures, and other structures where concealed panels will add to the safety of service personnel.
  - Stock panels are: 36" x 96" - 48" x 96" - 48" x 108" - 60" x 120"  
Panels can be cut to custom sizes when ordered
  - More cost efficient than Kevlar panels



Part #	Protection Level	Panel Thickness	Panel Weight
BRP100	1	1/4"	80 lbs.
BRP200	2	5/16"	122 lbs.
BRP300	3	1/2"	160 lbs.
BRP400	4	1-3/8"	464 lbs.
BRP500	5	1-3/8"	480 lbs.
BRP600	6	3/8"	128 lbs.
BRP700	7	1-1/8"	384 lbs.
BRP800	8	1-3/8"	480 lbs.

# Protection Level Specs

Protection  
Level Rating

U.L. 752  
Ballistics Description

<p><b>LEVEL</b>  <b>1</b> <b>M.P.S.A.</b></p>	<p><b>Medium Power Small Arms</b>  (.38 Super Automatic) </p>
<p><b>LEVEL</b>  <b>2</b> <b>H.P.S.A.</b></p>	<p><b>High Power Small Arms</b>  (.357 Magnum) </p>
<p><b>LEVEL</b>  <b>3</b> <b>S.P.S.A.</b></p>	<p><b>Super Power Small Arms</b>  (.44 Magnum) </p>

- Ballistic testing was conducted by an independent laboratory using test criteria set by Underwriters Laboratories.
- Testing of supplied bullet resistant glazing was conducted by or for the respective manufacturers of these products.
- Testing of bullet resistant products by unqualified personnel is discouraged.
- For your reference, we have included the following Ballistic Protection Guide.

### Ballistic Protection Guide

Standard	Weapon Calibre	Bullet Weight	Bullet Velocity ( fps)	Number Of Shots	Range ( ft )	Threat Level Rating
NIJ	.22L.R.	40	1050	5	16	1
NIJ	.38spec	158	850	5	16	1
NIJ	9mm/19 ( LV )	124	1090	5	16	2-A
UL	9mm/19 ( LV )	124	1175	3	15	1
NIJ	9mm/19 ( HV )	124	1175	5	16	2
UL	.38 Super auto	130	1248	3	15	1
UL	9mm	124	1400	5	15	6
NIJ	.357 mag	158	1250	5	16	2-A
UL	.357 mag	158	1250	3	15	2
BSI	.357 mag ( HV )	158	1476	3	9.84	G1
BSI	9mm/19 ( HV )	115	1345	3	9.84	G0
UL	.44 Mag	240	1350	3	15	3
BSI	.44 Mag	240	1549	3	9.84	G2
NIJ	.44 Mag	240	1400	5	16	3-A
UL	.30-06	180	2540	1	15	4
UL	7.62mm	150	2750	1	15	5
UL	5.56mm	55	3080	5	15	7
BSI	7.62/51mm	147(M80)	2707	3	32.81	G3
UL	7.62mm	150	2750	5	15	8
NIJ	7.62/51mm	147(M80)	2750	5	16	3
NIJ	.30-06	165(AP.M2)	2850	1	16	IV

- NIJ - National Institute of Justice, U.S Department of Justice, Ballistic Protective Materials, NIJ Standard - 0108.01, September 1985
  - UL - ANSI American National Standards Institute / Underwriters Laboratories, Inc. Standard for Bullet - Resisting Equipment.
  - BSI - British Standards Institution, Security Glazing, Part 1. Specification for Bullet - Resisting Glazing for Interior use BS 5051, October 1973
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- The various standards specify different locations to measure the bullet velocity. They are as follows: UL - At muzzle; BSI - Strike face of target; NIJ - 6.60 ft from weapon muzzle. For meeting the various velocity measurement requirements, the use of (special) powder loads may be required.

Abbreviations:

- AP - Armorpiercing
- HV - Higher Velocity
- SRP - Soft Round Point
- LD - Lead
- LV - Lower Velocity
- M2, M80 - U.S Military, Full Metal Jacket, Spire Point

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E.&O.E. - Specs subject to change and will be confirmed at time of quote or ordering.