



## BULLETSHIELD NIJ 0108.01

### DESCRIPTION

#### IN TECHNICAL COLLABORATION WITH KURARAY®

BULLETSHIELD is an industry-leading glass that is designed to uphold even the most demanding protection requirements with regards to bullet impacts. Our panels are certified as per global standards, which is why these panels are most commonly used for large-scale security glazing contracts. What sets these panels apart is the fact that it's relatively thinner, lighter and clearer as compared to the industry norm, which we have managed to achieve with the use of SentryGlas® advanced interlayers in collaboration with Kuraray, Japan. In order to ensure that these panels are both secure and aesthetically pleasing, we provide our entire BULLETSHIELD range in both spall and non-spall options. But our job doesn't just stop at fabricating this glass. We can also help you engineer and install bullet-resistant framing systems, ensuring the highest possible level of safety.

### PRODUCT FAMILY

1. BULLETSHIELD NIJ FIRST: Standard clear bullet-resistant glass tested to NIJ 0108.01 standard
2. BULLETSHIELD NIJ CLARITY: Ultra-clear bullet-resistant glass tested to NIJ 0108.01 standard
3. BULLETSHIELD NIJ TONE: Tinted bullet-resistant glass tested to NIJ 0108.01 standard
4. BULLETSHIELD NIJ SOLAR: Solar-control bullet-resistant glass tested to NIJ 0108.01 standard
5. BULLETSHIELD NIJ COMBI: Insulated or multi-laminated bullet-resistant glass tested to NIJ 0108.01 standard to satisfy additional requirements - thermal insulation, fire-safety, impact resistance and blast resistance
6. SECUREBUILD: Comprehensive framing systems for windows, doors and shutters

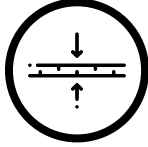
The entire range of BULLETSHIELD NIJ is available in spall and non-spall versions.

### GENERAL CHARACTERISTICS

THREAT LEVEL	AMMUNITION	NOMINAL BULLET MASS G (GRAINS)	VELOCITY UPS (FPS)	THICKNESS
I	.22 Long Rifle High Velocity Lead	2.6 (40)	320 +/- 12 (1050 +/- 40)	12 to 13 mm
	.38 Special Round Nose Lead	10.2 (158)	259 +/- 15 (850 +/- 50)	
II-A	.357 Magnum Jacketed Soft Point	10.2 (158)	381 +/- 15 (1250 +/- 50)	19 to 21 mm
	9 mm Full Metal Jacket	8.0 (124)	332 +/- 12 (1090 +/- 40)	
II	.357 Magnum Jacketed Soft Point	10.2 (158)	425 +/- 15 (1395 +/- 50)	19 to 21 mm
	9 mm Full Metal Jacket	8.0 (124)	358 +/- 12 (1175 +/- 40)	
III-A	.44 Magnum Semi-wadcutter Gas Checked	15.5 (240)	430 +/- 15 (1400 +/- 50)	23 to 24 mm
	9 mm Full Metal Jacket	8.0 (124)	430 +/- 15 (1400 +/- 50)	
III	7.62 mm (.308 Winchester) Full Metal Jacket	9.7 (150)	838 +/- 15 (2750 +/- 50)	42 to 43 mm

Additional Process Capability: CURVESHIELD, ceramic-frit, digitecture™ digital printing, sand-blasting, acid-etching

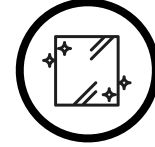
## UNIQUE SELLING POINTS (THE TLC ADVANTAGE)



**THINNEST**  
Up to 25% thinner



**LIGHTEST**  
15-20% lighter



**CLEAREST**  
Minimum 5% clearer

## DIMENSIONS

FEATURE	DESCRIPTION
Minimum Size	250 mm X 350 mm
Maximum Size for S (Spall) Version	2500 mm X 5000 mm
Maximum Size for NS (Non-Spall) Version	1220 mm X 3500 mm

## LABELLING

Each piece of BULLETSHIELD NIJ shall be permanently labeled with the FG logo and the relevant standard description. In cases where the glass is made under a specific listing, the same shall be incorporated in the label. Order-specific labeling is also possible, under certain terms and conditions.

## STANDARDS

1. BULLETSHIELD NIJ glass is manufactured to conform to the norms laid out by NIJ 0108.01 standard

## LISTINGS

1. Gujarat Forensic Sciences University (GFSU): BR6-NS Report Number IFSU/GFSU/BTCTR/BER/83/84/2020

## STORAGE

BULLETSHIELD NIJ requires storage in a covered, dry area, unexposed to rain and dust. Each sheet or piece of BULLETSHIELD NIJ should be separated with the help of non-adhesive transferring cork/rubber pads. Prolonged storage without separation or with paper separation may result in permanent and irreversible damage to the glass surface.