



BULLETSHIELD UL 752

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 UL FIRST:** Standard clear bullet-resistant glass tested to UL 752 standard
2. **BULLETSHIELD UL CLARITY:** Ultra-clear bullet-resistant glass tested to UL 752 standard
3. **BULLETSHIELD UL TONE:** Tinted bullet-resistant glass tested to UL 752 standard
4. **BULLETSHIELD UL SOLAR:** Solar-control bullet-resistant glass tested to UL 752 standard
5. **BULLETSHIELD UL COMBI:** Insulated or multi-laminated bullet-resistant glass tested to UL 752 standard to satisfy additional requirements - thermal insulation, fire-safety, impact resistance and blast resistance
6. **SECUREBUILD:** Comprehensive framing systems for windows, doors and shutters

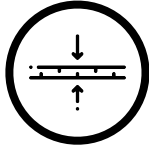
The entire range of BULLETSHIELD UL is available in spall and non-spall versions.

GENERAL CHARACTERISTICS

THREAT LEVEL	AMMUNITION	VELOCITY	THICKNESS
1	9 mm FMJ with Lead Core 124 g	358 to 394 m/sec	21 to 22 mm
2	.357 Magnum Jacketed 158 g	381 to 419 m/sec	22 to 23 mm
3	.44 Magnum 240 g	411 to 441 m/sec	25 to 26 mm
4	.30-60 Caliber Lead Core 180 g	774 to 852 m/sec	36 to 37 mm
5	7.62 mm Rifle Lead Core FMJ 150 g	838 to 922 m/sec	36 to 37 mm
6	9 mm FMJ with Lead Core 124 g	427 to 469 m/sec	36 to 37 mm

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

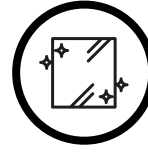
UNIQUE SELLING POINTS (THE TLC ADVANTAGE)



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 UL 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

- BULLETSHIELD UL glass is manufactured to conform to the norms laid out by UL 752 standard

LISTINGS

- HP White-Intertek: UL 752 Level 3 Job Number 000009281A
- HP White-Intertek: UL 752 Level 5 Job Number 000008327B

STORAGE

BULLETSHIELD UL requires storage in a covered, dry area, unexposed to rain and dust. Each sheet or piece of BULLETSHIELD UL 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.