

PRODUCT DATA SHEET



TSS 003 INSULATED ALL GLASS LOW SPALL 1-1/2"

MODEL#: 0-GLZ-TIG-1005

PRODUCT LINE: GLAZING

DESCRIPTION

Total Security Solutions' insulated all-glass security glazing combines clarity, protection, and energy efficiency into one solution. Designed to resist ballistic threats and various physical attacks, these high-performance units feature multiple layers of laminated glass fused with advanced polyurethane or polyvinyl interlayers for superior strength and clarity. Independently tested to the demanding UL 752 standard, Total Security Solutions' all-glass security glazing delivers the trusted protection your space deserves—without sacrificing on aesthetics.

OPTIONS

- Tinted glass (gray, bronze, green, blue)
- Reflective glass
- One-way mirror
- Translucent white interlayer (frosted glass)
- Wire glass
- Insulated units
- Low E
- Please inquire for additional options

RATINGS

- U.L. 752 - Level 3 (Modified for Low Spall)
 - Projectile Type: 240 grain .44 magnum
 - Velocity Range: 1350 fps to 1485 fps
 - Number of Shots: 3

STANDARDS

- U.L. 752 Standard for Bullet Resistant Materials
- ASTM C1036 Standard Specification for Flat Glass
- ASTM C1172 Standard Specification for Laminated Architectural Flat Glass

THREAT SIDE

SECURE SIDE

1. Glass

2. Interlayer

3. Glass

4. Spacer

5. Glass

6. Interlayer

7. Glass

8. Interlayer

9. Glass

Tints and Low E applied to layers 1 or 2

Mirrors applied to layer 2

PROPERTIES

Nominal Thickness	1½"
Thickness Tolerance	±3/32"
Weight	14.1 lbs/sqft
Maximum Size	72" x 140"
Dimensional Tolerance	±1/16"
Visible Light Transmittance	71%
U-Value	0.47
SHGC	0.60