

RATED TWO-PIECE TUBE & 2PC(LEVEL 4-8)

PART#: BL5.5

PRODUCT LINE: FRAMES

DESCRIPTION

The TSS 5.5 Framing System is ideal for storefronts, interior doors, and windows that need to provide bulletproof protection while meeting modern aesthetic requirements. The TSS-BL5.5 bullet-resistant aluminum frame is designed to accept bullet-resistant glazing (glass clad polycarbonate) materials from $\frac{3}{4}$ " to $2\frac{1}{2}$ " thick. The extruded aluminum is UL tested up to UL Level 8. This is achieved through $\frac{3}{8}$ " thick aluminum walls and ballistic framing inserts.

OPTIONS

- Glazing $\frac{3}{4}$ " to $2\frac{1}{2}$ " thick
- Clear anodized finish
- Dark bronze anodized finish
- Tube is $5\frac{1}{2}$ " wide by $1\frac{3}{4}$ "
- Channel is $3\frac{7}{8}$ " to $4\frac{7}{8}$ " wide and $1\frac{1}{2}$ " tall

Other custom coating options are available upon inquiry.

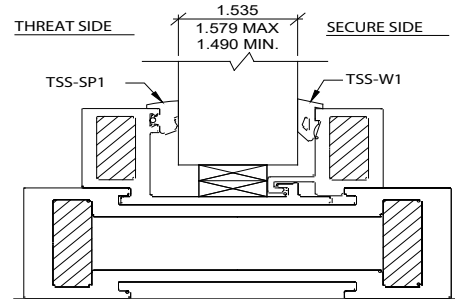
RATINGS

- U.L. Level 1-8

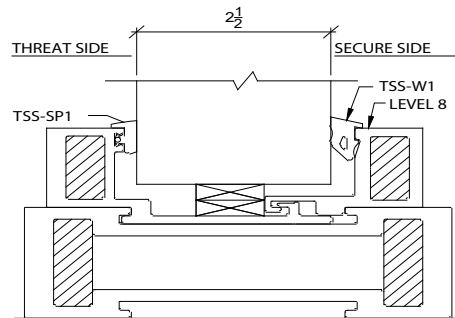
STANDARDS

- U.L. 752 Standard for Bullet Resistant Materials
- ASTM B209 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- ASTM B221 Standard Specification for Aluminum and Aluminum Alloy Extruded Bars, Rods, Wires, Profiles, and Tubes

BL 5.5 W/ LVL 4&5 CHANNEL



BL 5.5 W/ LVL 7&8 CHANNEL



PROPERTIES & SPECIFICATIONS

Protection	Level 1-8
Ballistic Data	Max Velocity 1: ≥ 2750 ft.s Max Velocity 2: ≥ 3025 ft/s
Material	6061-T6 alloy/tempered
Yield Strength	40,000 PSI
Ultimate Tensile Strength	45,000 PSI
Brinell Hardness	95
Rockwell Hardness	B60
Pounds per Linear Foot	~ 7.07 lbs/linear foot
Density	0.098 lb/cubic inch
Spec. Gravity	2.7
Melting Point	1090°
Mod. of Elasticity Tension	10
Mod. of Elasticity Torsion	3.8