

**RATED TWO-PIECE U-CHANNEL FOR FIXED SYSTEM (TUBELESS) (LEVEL 4-7)**

PART#: BL3.5

PRODUCT LINE: FRAMES

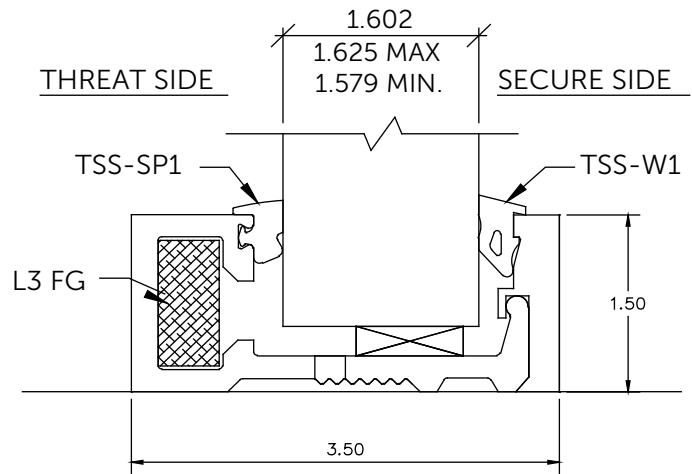
**DESCRIPTION**

The TSS BL3.5 Two-Piece Channel is designed to house higher UL Level glazings (UL Levels 4 through 7). This channel system does not require any additional framing and can be applied to an opening. This channel can be used in interior or exterior purposes. The channel itself is UL tested to Level 3, 4, 5, & 7.

**OPTIONS**

- Glazing 3/4" to 1 7/8" thick
- Clear anodized finish
- Dark bronze anodized finish

Other custom coating options are available upon inquiry.



**RATINGS**

- U.L. Level 3-7

**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

**PROPERTIES & SPECIFICATIONS**

Protection	Level 3-7
Ballistic Data	Max Velocity 1: $\geq 2750$ ft/s Max Velocity 2: $\geq 3025$ 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	2.45 lbs/linear foot
Density	X lb/cubic inch
Spec. Gravity	2.7
Melting Point	1090°
Mod. of Elasticity Tension	10
Mod. of Elasticity Torsion	3.8