

**RATED TUBE & TWO-PIECE U-CHANNEL (LEVEL 3)**

PART#: BL1.75  
PRODUCT LINE: FRAMES

**DESCRIPTION**

The BL 1.75 Framing System can house a wide range of thicknesses when it comes to BR Glazing. The framing has a wall thickness of  $\frac{3}{8}$ " thick 6061-T6 aluminum alloy, which gives this framing and channel a UL Testing Rating of Level 3. This framing system can be used in interior or exterior applications.

**OPTIONS**

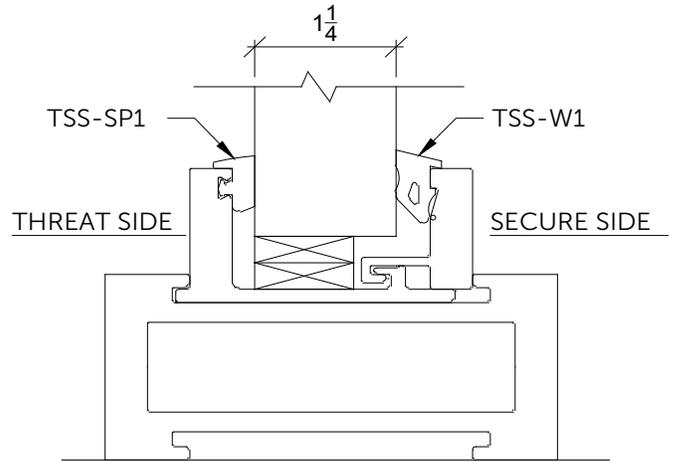
- Glazing  $\frac{3}{4}$ " to  $1 \frac{9}{16}$ " thick
  - Clear anodized finish
  - Dark bronze anodized finish
  - Tube is 4" wide by  $1 \frac{3}{4}$ " tall
  - Channel is  $2 \frac{1}{2}$ " wide by  $1 \frac{1}{4}$ " tall
- Other custom coating options are available upon inquiry.

**RATINGS**

- U.L. Level 3 - .44 Mag (3 shots)

**STANDARDS**

- UL 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 - .44 Mag
Ballistic Data	Max Velocity 1: $\geq 1350$ ft.s Max Velocity 2: $\geq 1485$ ft/s
Material	6061-T6 alloy/tempered
Yield Strength	40,000 PSI
Ultimate Tensile Strength	45,000 PSI
Brinell Hardness	95
Rockwell Hardness	B60
Frame & 2PC Pounds per Linear Foot	4.8 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