1.5” x 1.5” Ultra-Light Extrusion

**EX-9** Clear Anodized

**BLX-9** Black Anodized

- 5/16” Slot Size
- Weight/Ft = .85 lbs.
- Est. Area = .73 Sq. In.
- Material = 6105-T5 Aluminum
- 96”, 144.25” (clear), 192.63” Standard Lengths

**Section Properties:**
- Moment of Intertia in$^4$ = .1623
- Section modulus in$^3$ = .2164

Load condition:
Fixed at both ends, load at center
Deflection = $y$ (inches)

$$y_{max} = \frac{PL^3}{3.12 \times 10^8}$$
1.5” x 1.5” Ultra-Light Extrusion

Clear Anodized  EX-9
Black Anodized  BLX-9

Load condition:
Fixed at one end, sliding at one end, load at center
Deflection = Y (inches)

\[ y_{max} = \frac{PL^3}{1.74 \times 10^8} \]

Load at center

\[ y_{max} = \frac{PL^3}{4.86 \times 10^8} \]

Load at end

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Load lbs (P) vs. Span in inches (L)

Load lbs (P) vs. Span in inches (L)