

# Product Specification

## Aluminum

### Meets ASTM B209 standards.

Alloy or Equivalent:	3105 type
Density:	.170 lb/ft <sup>3</sup>
Minimum Ultimate Tensile Strength:	25,000 - 28,000 psi
Minimum Ultimate Yield Strength:	21,000 - 24,000 psi
Minimum Elongation:	2 - 3%
Modulus of Elasticity:	10
Coefficient of Linear Expansion:	13.1 $\mu$ -in/in/°F
Melting Range:	1190 - 1210°F
Thermal Conductivity at 77°F:	1190 BTU-in/ft <sup>2</sup> -hr-°F
Hardness (Rockwell 15T):	63-70
Thickness:	.016 inches - Trim coil .019 inches - Trim coil, soffit, fascia, drip edge, trim coil & accessories .024 inches - Trim coil, fascia & drip edge
Flexibility:	1T NC/NTO



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