

# 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<br>.019 inches - Trim coil, soffit, drip edge, trim coil, accessories<br>.024 inches - Trim coil, fascia<br>.025 inches - Trim coil |
| Flexibility:                       | 1T NC/NTO   |



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