

# Aluminum/Silicon Alloy Foil (Light Tight) (Al99/Si 1)

**Formula:** Al99/Si 1

**Percentage Purity:** 99.998%

**Temper:** As Rolled

**Thickness:** 3mm

**Length 1:** 100mm

**Length 2:** 100mm

**UOM Code:** 002-330-75

**SKU:** 1000000330-group

**Product Code:** AL05-FL-000150

## Material Properties for Alloys

### Electrical Properties

Element	Value
Electrical resistivity( $\mu\text{Ohmcm}$ )	2.6-3.5
Temperature coefficient( $\text{K}^{-1}$ )	0.0042

### Thermal Properties

Element	Value
Melting point( $\text{C}$ )	600

### Physical Properties

Element	Value
Density( $\text{gcm}^{-3}$ )	2.7

### Mechanical Properties

Element	Value
Tensile strength( $\text{MPa}$ )	310