

# Indium/Silver Alloy Foil (In97/Ag 3)

**Formula:** In97/Ag 3

**Thickness:** 0.3mm

**Length 1:** 100mm

**Length 2:** 100mm

**UOM Code:** 505-605-56

**SKU:** 1000124862-group

**Product Code:** IN13-FL-000100

## Material Properties for Alloys

### Mechanical Properties

Element	Value
Hardness - Brinell	2
Tensile strength( MPa )	5

### Electrical Properties

Element	Value
Electrical resistivity( $\mu\text{Ohmcm}$ )	7.5
Temperature coefficient( $\text{K}^{-1}$ )	-

### Thermal Properties

Element	Value
Melting point( C )	143
Thermal conductivity( $\text{W m}^{-1} \text{K}^{-1}$ )	73@23°C
Coefficient of thermal expansion( $\times 10^{-6} \text{K}^{-1}$ )	22@20-100°C

### Physical Properties

Element	Value
Density( $\text{gcm}^{-3}$ )	7.38