

# Tin/Silver Alloy Spooled Wire (Sn96/Ag 4)

**Formula:** Sn96/Ag 4

**Product Shape:** Spooled

**Diameter:** 0.27mm

**Length:** 10m

**Temper:** As Drawn

**UOM Code:** 009-983-09

**SKU:** 1000001365-group

**Product Code:** SN17-WR-000120

## Material Properties for Alloys

### Mechanical Properties

Element	Value
Elongation at break( % )	49
Shear strength( MPa )	82
Tensile strength( MPa )	98

### Electrical Properties

Element	Value
Electrical resistivity( $\mu\text{Ohmcm}$ )	10.5

### Thermal Properties

Element	Value
Melting point( C )	221-246

### Physical Properties

Element	Value
Density( $\text{gcm}^3$ )	7.39