

# Tungsten/Copper Alloy Foil (Light Tight) (W 80/Cu20)

**Formula:** W 80/Cu20

**Thickness:** 3mm

**Length 1:** 100mm

**Length 2:** 100mm

**UOM Code:** 473-210-07

**SKU:** 1000181698-group

**Product Code:** W-16-FL-000150

## Material Properties for Alloys

### Electrical Properties

Element	Value
Electrical resistivity( $\mu\text{Ohmcm}$ )	4.1
Temperature coefficient( $\text{K}^{-1}$ )	-

### Physical Properties

Element	Value
Density( $\text{gcm}^{-3}$ )	15.4

### Mechanical Properties

Element	Value
Tensile strength( MPa )	675

### Thermal Properties

Element	Value
Thermal conductivity( $\text{W m}^{-1} \text{K}^{-1}$ )	145@23°C