

# Havar® Foil

**Formula:** Co42.5/Cr20/Ni13/Fe/W/Mo/Mn

**Temper:** As Rolled

**Thickness:** 0.0025mm

**Length 1:** 25mm

**Length 2:** 25mm

**UOM Code:** 128-862-41

**SKU:** 1000036884-group

**Product Code:** CO01-FL-000102

## Material Properties for Alloys

### Mechanical Properties

Element	Value
Elongation at break( % )	1
Modulus of elasticity( GPa )	200-210
Tensile strength( MPa )	960-970

### Electrical Properties

Element	Value
Electrical resistivity( $\mu\text{Ohmcm}$ )	92
Temperature coefficient( $\text{K}^{-1}$ )	-

### Thermal Properties

Element	Value
Melting point( C )	1480
Thermal conductivity( $\text{W m}^{-1} \text{K}^{-1}$ )	13@23°C
Coefficient of thermal expansion( $\times 10^{-6} \text{K}^{-1}$ )	12.5@0-50°C

### Physical Properties

Element	Value
Density( $\text{gcm}^{-3}$ )	8.3