

AISI 304L Stainless Steel Spooled Wire

Formula: Fe/Cr18/Ni10

Product Shape: Spooled

Diameter: 0.5mm

Length: 100m

Temper: Hard

UOM Code: 017-879-46

SKU: 1000002164-group

Product Code: FA14-WR-000116

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	58
Tensile strength(MPa)	565

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	72
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$)	16.2@23°C
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	17.3@23°C