AISI 317L Stainless Steel Foil/Sheet

Mo-alloyed low-C austenitic SS foil (S31703, 3–4% Mo, PRE ~28, 220–240 MPa yield) for acid heat exchangers, FGD components & pulp/paper equipment. **SKU:** 1000234101-group
Product Code: FP17

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	?217
Elongation at break(%)	?40
Modulus of elasticity(GPa)	200
Tensile strength(MPa)	515

Electrical Properties

Element	Value
Electrical resistivity(µOhmcm)	85

Thermal Properties

Element	Value
Melting point(C)	1375-1400
Thermal conductivity(W m?¹ K?¹)	14@20°C
Coefficient of thermal expansion(x10?? K?¹)	16.0@20-100°C

Physical Properties

Element	Value
Density(gcm?³)	8.0