15-7PH Stainless Steel Foil (Light Tight)

Pinhole-free PH stainless foil (S15700, >1400 MPa) — optical opacity + high strength for aerospace sensor enclosures & thermally loaded optical barriers. **SKU:** 1000031370-group
Product Code: FE29-FL-000153

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	30
Tensile strength(MPa)	1020

Electrical Properties

Element	Value
Electrical resistivity(µOhmcm)	80

Physical Properties

Element	Value
Density(gcm?³)	7.81

Thermal Properties

Element	Value
Coefficient of thermal expansion(x10?? K?¹)	14.4@20-90°C