

Silver (Ag) Evaporation Wire

Material Type	Silver	Z Ratio	0.529
Symbol	Ag	E-Beam	Excellent
Atomic Weight	107.8682		Boat: W
Atomic Number	47	Thermal Evaporation Techniques	Coil: Mo
Color/Appearance	Silver, Metallic		Basket: Ta, Mo
Thermal Conductivity	430 W/m.K		Crucible: Al ₂ O ₃ , W
Melting Point (°C)	962	E-Beam Crucible Liner Material	Fabmate®, Tungsten, Molybdenum, Tantalum
Coefficient of Thermal Expansion	18.9 x 10 ⁻⁶ /K		10-8: 847
Theoretical Density (g/cc)	10.5	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 958
Purity:	99.995% 99.99%		10-4: 1,105