

# INNER LAYERS

Copper Weight Pre-Plate oz/square-foot	Limited Review	Online NRE	Custom & RF
< 0.5oz Cu	-	-	Yes <sup>1 2</sup>
0.5oz Cu	-	-	Yes <sup>1</sup>
1.0oz Cu	Yes	Yes	-
2.0oz Cu	Yes	Yes	-
3.0oz Cu	-	-	Yes <sup>1</sup>
> 3.0oz Cu	-	-	Yes <sup>1 2</sup>
Minimum Trace / Space			
< 0.5oz Cu	-	-	RFQ <sup>3</sup>
0.5oz Cu	0.003"	-	0.003" / 0.003" <sup>1</sup>
1.0oz Cu	0.004" / 0.004"	-	0.003" / 0.003"
2.0oz Cu	0.005" / 0.005"	-	0.004" / 0.004"
3.0oz Cu	-	-	0.007" / 0.007"
> 3.0oz Cu	-	-	RFQ <sup>3</sup>
Minimum Clearance		x inches larger than finished hole size or slot dimension	
Through Hole Drill	0.020"	0.020"	0.020"
Plated Slots	0.020"	0.020"	0.020"
Minimum Pads		x inches larger than finished hole size or slot dimension	
Through Hole Drill	0.016"	0.016"	0.016"
Plated Slots	0.016"	0.016"	0.016"
Vias	0.010"	0.010"	0.010"
Other			
Minimum Backset (distance from copper-feature to route/cut-line)	0.020"	0.010"	0.010"
Trace Width Variation (Non-impedance)	±20%	±20%	±10%

<sup>1</sup> Material availability may impact lead time

<sup>2</sup> Limited availability

<sup>3</sup> 1-800-228-8198 / support@sunstone.com