

MATERIAL

Types	Limited Review	Online NRE	Custom & RF
Arlon	-	-	Yes
FR-4 150 Tg ^{9 10 11}	Yes	Yes	Yes
FR-4 170 Tg ^{9 10 11}	Yes	Yes	Yes
Polyfon	-	-	Yes
Rogers RO 3000 / 4000	-	-	Yes
Rogers RT Duroid 5000 / 6000	-	-	Yes
Taconic	-	-	Yes
Surface Finish			
Tin / Lead Solder	Yes	Yes	Yes
Immersion Silver	Yes ¹⁰	Yes ¹⁰	Yes
ENIG	Yes ¹⁰	Yes ¹⁰	Yes
Copper Only	Yes ¹⁰	Yes ¹⁰	Yes ¹⁰
Immersion Tin	-	-	Yes ¹⁰
OSP	-	-	Yes ¹⁰
ENIGPIG	-	-	Yes ¹⁰
Full Body Hard Gold	-	Yes ¹⁰	Yes ¹⁰
Soft Bondable Gold	-	-	Yes ¹⁰
Lead Free Solder	-	-	Yes ¹⁰
Etch Tolerances			¹⁰
Trace Width (<i>of design</i>)	±20%	±20%	±10%
Minimum Trace Width	0.064"	0.004"	<0.004"
Board Parameters			
Layer Count	≤14	≤20	≤36
Board Thickness	0.010" - 0.125"	0.010" - 0.125"	0.003" - 0.187"
Copper Weight (<i>finished</i>)	1oz - 3oz	1oz - 3oz	0.25oz - 6oz
Certifications			
UL Listed	Yes	Yes	Yes ¹²
ITAR Registered	Yes	Yes	Yes ¹²

⁹ 370HR Equivalent

¹⁰ RoHS Compliant

¹¹ High Tg / Low Td

¹² Dependent on Material