

	STANDARD	ADVANCED
SINGLE-SIDE FLEXIBLE PANEL SIZE	12"x18" 18"x24"	20"x26" 24"x36"
DOUBLE-SIDE FLEXIBLE PANEL SIZE	12"x18"	18"x24" and Up
MULTILAYER FLEX PANEL SIZE	12"x18"	18"x24" and Up
Layer Count	3 to 12	13+
RIGID FLEX PANEL SIZE	12"x18"	18"x24" and Up
Layer Count	2 to 28	28+
Multiple Lamination		
Copper Foil Weights Internal/ External	1/4 to 2 ounce	Up to 3 ounce
Kapton Polyimide Stiffener	.001" to .007"	.008" and Up
FR4 Stiffener	.003" to .062"	.063" and Up
Polyimide Rigid Stiffener	.003" to .062"	.063" and Up
Lines, spaces & pad diameters		
Internal Line Width	.0035"	.001"
Internal Spacing	.0035"	.001"
External Line Width	.0035"	.001"
External Spacing	.0035"	.001"
SMT Pitch	.010"	.010"
Controlled Impedance	10%	5%

Via hole Finish	STANDARD	ADVANCED
Laser Micro Vias	.004"	.002"
Blind/buried Vias	.004"	.002"
Laser Pads	.004"	.002"
Minimum Drilled Hole Size	.012"	.0079"
Drilled Hole to Copper	.008"	.007"
Castellation	Yes	Yes
Finish surface		
Tin Lead Plating Thickness	.0003" to .0005"	Less .0005"
	150 Micro Inches	250 Micro Inches
Tin Nickel Plating Thickness		
	100 Micro Inches	250 Micro Inches
Low Stress Nickel		
	30 Micro Inches	
Gold Plating Thickness		As Specified
Electroless Nickel/Immersion Gold	Yes	Yes
Immersion Gold	Yes	Yes
Immersion Silver	Yes	Yes
Entek 106A HT	Yes	Yes
HASL	Yes	Yes
TOLERANCES		
Plated Hole Tolerances (+/-)	.002"	.001"
Non-Plated Hole Tolerances (+/-)	.001"	.001"
Fabrication Tolerance (+/-)	.005"	.003"
Vision Rout (+/-)	.003"	.002"
Laser Rout (+/-)	.002"	.001"

As your Flex & Rigid Flex PCB supplier, you will be able to build boards with line and width spacing down to .5 mil and 1 mil micro vias. Please view our full capabilities Presentation to learn more or contact our Circuits

Advisors to help you determine what the optimal technologies are for your projects.

