

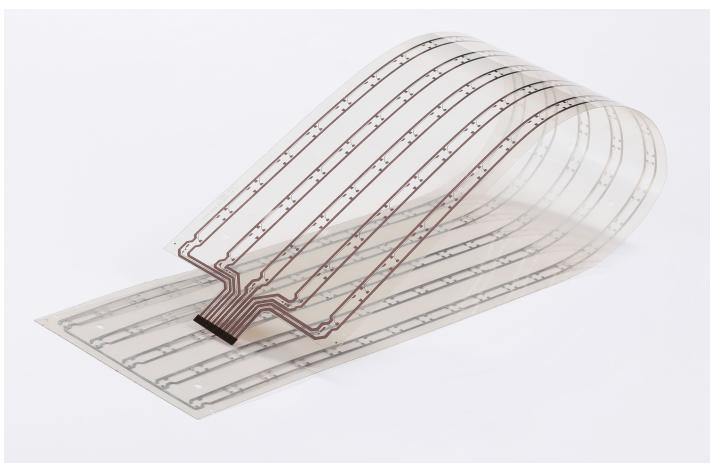
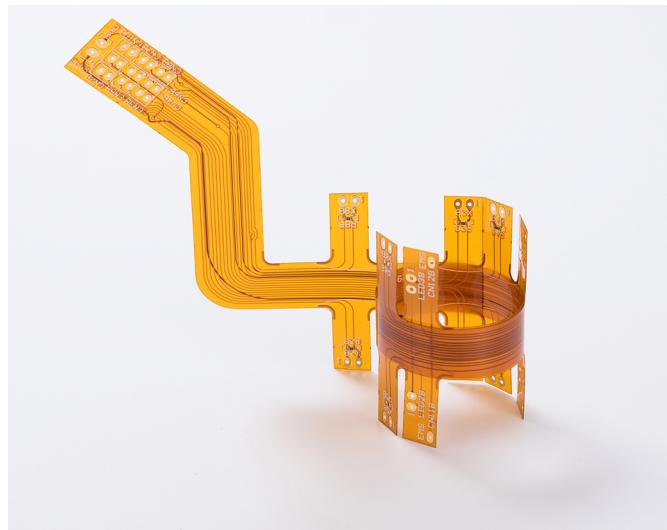
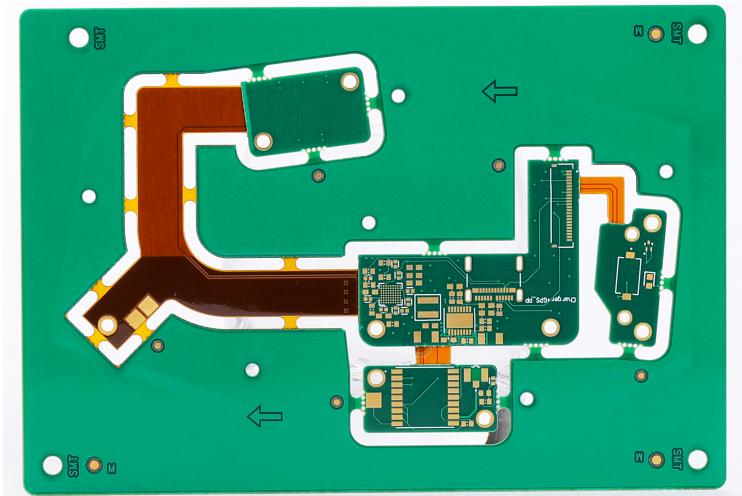
FPCB Process Capacity

Introduction

We specialize in the manufacturing of flexible printed circuit boards (FPCs) to meet diverse industry needs. We are capable of producing various types of flexible circuits, including standard FPCs, FPC cables, smartphone FPCs, multi-layer FPCs, rigid-flex boards, FPC connectors, and touchscreen FPCs. Our product portfolio is extensive, and we provide customized solutions for the specific requirements.

Our FPCs are widely utilized across multiple industries, such as mobile communications, smart home devices, optoelectronics, industrial control systems, medical equipment, automotive electronics, and consumer electronics. With advanced manufacturing technologies and a commitment to quality, we ensure that our flexible circuits deliver high performance, reliability, and durability.

FPCB Products



Hole Processing Capacity

- Line width/line spacing capability

Hole Processing Capacity		
Hole	Mechanical hole diameter (finished product)	0.15-6.2mm
	Electroplating laser blind hole aperture	0.1-0.15mm (0.1mm preferred)
	Hole position accuracy tolerance (compared to CAD data)	±3mil

Line width/line spacing capability		
Line width/line spacing capability	Internal layer	1/3OZ: 1.5/1.5 mil
		1/2OZ: 2/2 mil
		1OZ: 3.5/3.5 mil
		2OZ: 5/5 mil
		3OZ: 7.5/7.5 mil
		4OZ: 10/10 mil
		5OZ: 15/15 mil
	Outer layer	1/3OZ: 3/3.5 mil
		1/2OZ: 3.5/3.5 mil
		1OZ: 4.5/5 mil
		2OZ: 6/8 mil
		3OZ: 8/12 mil
		4OZ: 9/15 mil
	Line width tolerance	≤10mil: ±1.0mil; >10mil: ±1.5mil

Surface coating Capacity

Surface coating Capacity

Surface coating thickness	Solder Coating	2-40um(0.4um lead spray tin surface, 1.5um lead-free spray tin surface)
	Electronickel	Nickel thickness :≥3um; Gold thickness: 0.025-3um
	Zedoary	Nickel thickness :3-8um; Palladium thickness: 0.05-0.3um; Gold thickness: 0.05-0.1um
	Sunk tin	0.2-0.4um
	silvering	≥0.6um
	OSP	0.3-0.5um
	Green oil	10-18um(copper cover oil),5-8um (through hole cover oil)
	Blue glue	0.20-0.50mm