

FPC Materials / Flexible Copper Clad Laminate

[General 3Layer type FCCL]

Good Processability and Excellent Flexibility

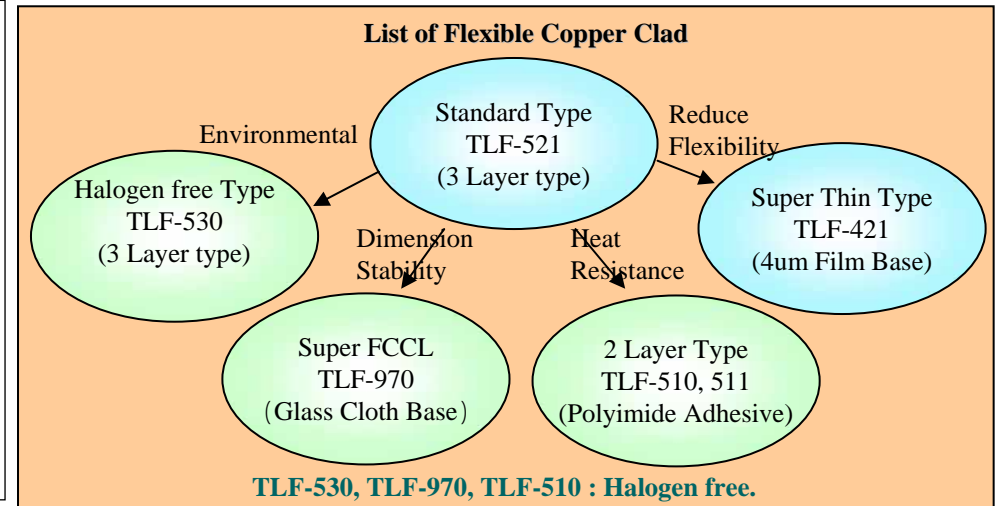
Features and Benefits

- Excellent Flexibility.
- Excellent Heat Resistance.
- Easy Handle.
- We can Produce FCCL used 5um Copper Foil which Suitable to Fine Pitch Patterning

Applications

- Cellular Phone.
- Connector
- Multilayer and Flex-Rigid for Cellular Phone and Digital Still Camera.

We can Produce Halogen-free type, Super Thin type, High Tg Type and Dimension Stability Type. Please Click on other Products Information.



General Property

Item	Condition	Unit	TLF-521 35/25				Test Method
			GR	MH	GRT	MWT	
Flame Retardant	-	-	V-0 (Use Bromine)				UL94
Tg	-	C	100				DMA
Insulation Thickness	After Etching	um	47	45	38	38	Micrometer
Dimension Stability	Etching + E-0.5/150	%	-0.15	-0.17	-0.14	-0.12	JIS-C-6471
			-0.06	-0.03	-0.02	-0.04	
Folding Endurance	Line 1.5mm Weight 500g, R=0.8	Cycle	407	301	557	524	MIT法
			376	325	549	435	
Peel Strength	Line 1.0mm	kN/m	1.32	1.62	1.32	1.70	JIS-C-6471
Heat Resistance	260C Solder 20sec.	-	Pass	Pass	Pass	Pass	JIS-C-6471

Product Name

Ex. TLF-W-521 GR 18/25/18
 Type Class Thickness

[type]

TLF- ; Single Side

TLF-W- ; Double Side

[Class]

GR, GRT ; RA Copper Clad

MW, MH, MWT ; ED Copper Clad

[Thickness]

Copper Clad/Film/Copper Clad

(Unit = um)