

FPC Materials / Coverlay (Cover Film) [TFA-577 series]

Good Processability and Excellent Flexibility

Features and Benefits

- Good Flexibility
- Suitable Multilayer use due to chemical resistance
- Good Processability and Adhesive Resin Flow control

Applications

- Cellular phone and Connector Cable
- COF for LCD and PDP

We can supply Halogen free Coverlay (TFA-560)
 And Liquid Type Halogen-free Photo Coverlay

Product Name

(ex.) **TFA-577 KHL 2535**
 Product name Class Thickness

[Product Name] TFA-577; Standard TFA-560; Halogen free

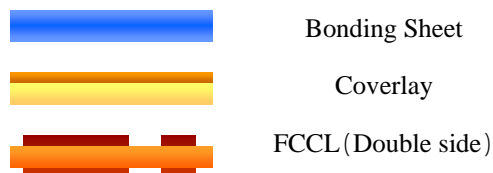
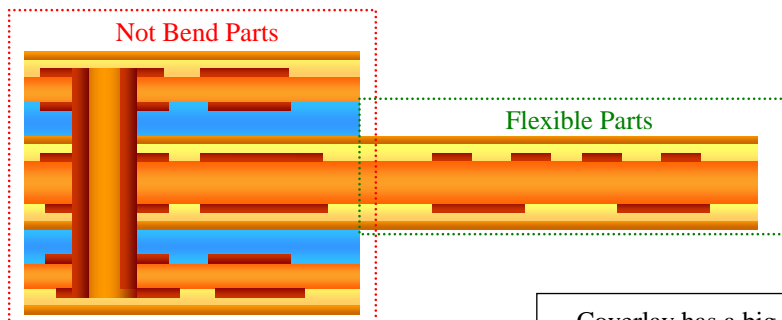
[Class] KH; Standard KHL; Low Flow type

[Thickness] Film Adhesion (um)

General Property

Item	Condition	Unit	TFA-577 ## 2525		Method
			KH	KHL	
Flow	After Laminate	mm	0.21	0.15	KCC Method
Tg	After Laminate	C	80	80	DMA
Solder resistance	300C 60sec.	-	OK	OK	JIS-C-6471
Flammability	E-168/70	-	V-0	V-0	UL 94
Peel Strength (90 degree)	A	KN/m	1.28	1.28	JIS-C-6471
	260C Solder 20sec.		1.27	1.27	
	MEK Dip 7min.		1.27	1.27	
	Methanol dip 15min.		1.25	1.28	
	IPA Dip 15min.		1.30	1.32	
	10% H ₂ SO ₄ Dip 15min.		1.35	1.33	
	10% NaOH Dip 15min.		1.33	1.27	

Flexible Multilayer Model



Coverlay has a big influence with bending and the insulation reliability with the material which covers FCCL.