

印刷電路板 製程

Manufacturing Process & Surface Preparation for Printed Circuit Board

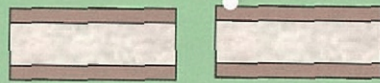
銅箔
Copper Foil

1. 鑽孔導通
Trough Hole Making by Drilling



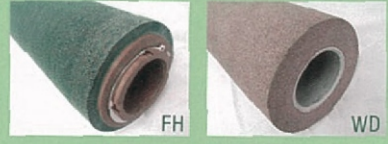
基材 (玻璃纖維)
Base Material (Glass-Epoxy)

銅板
Copper Plate



2. 去毛頭
Deburring

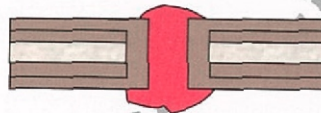
(Cleaning Prior to Copper Plating)



3. 鍍銅
Copper Plating

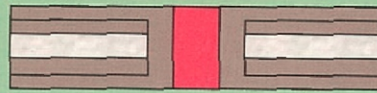
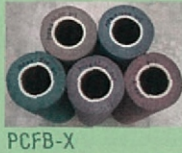
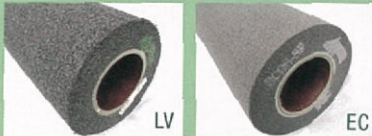
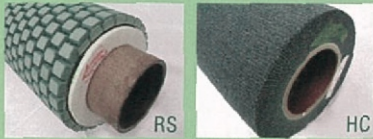


4. 塞孔油墨
Plugging Ink Coating



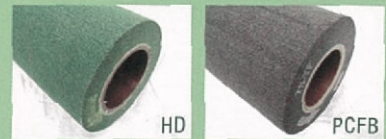
5. 除填孔油墨
Plugging Ink Removal

(Remove Excess Ink on a Surface)

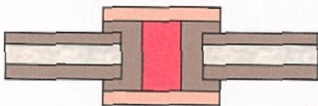


6. 乾墨前處理
Cleaning Prior to Dry Film

(Cleaning Prior to Dry Film)



7. 蝕刻
Etching

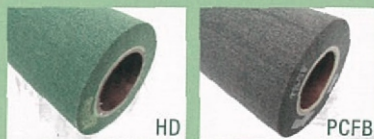
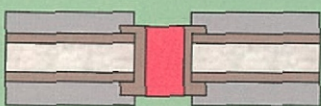


9. 防焊綠漆前處理
Cleaning Prior to Solder Resist

Coating (Circuit Surface Cleaning)

8. 防蝕刻劑移除
All Etching Resist Removal

(All Etching Resist Removal)

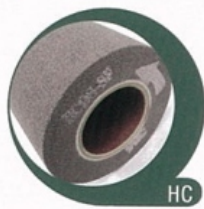


10. 上防焊劑
Solder Resist Coating

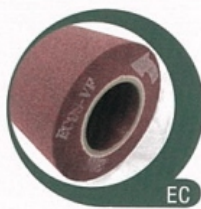
(Solder Resist Coating)

壓合鋼板之

清潔 For Press Plate Cleaning



HC



EC

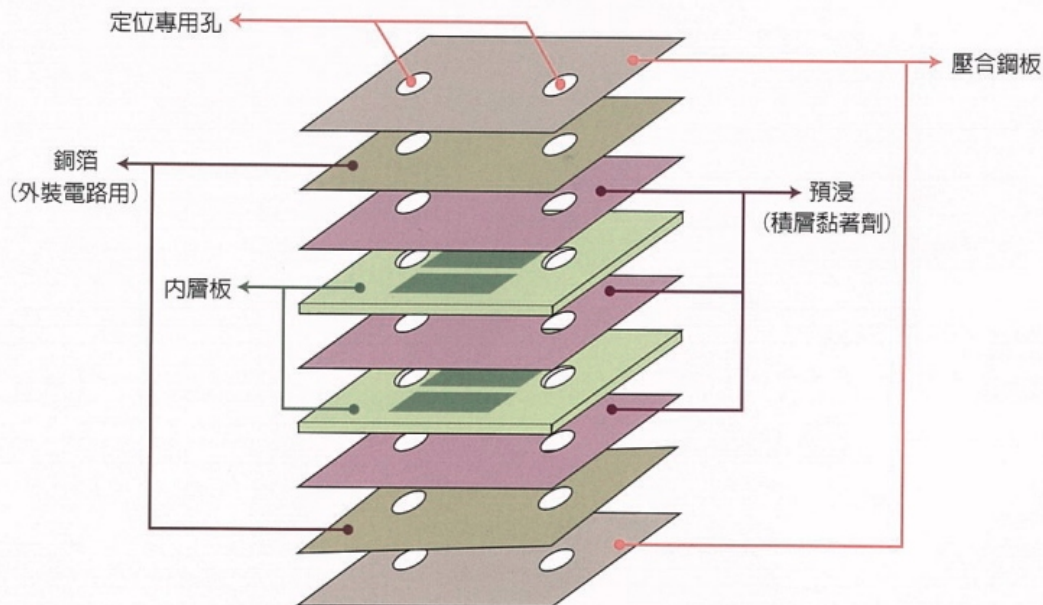


FFB

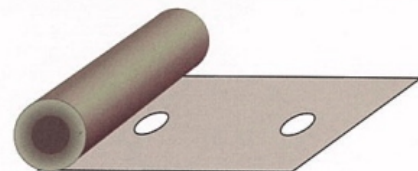


Tool

多層板積層工程



壓板製程之不鏽鋼板



印刷電路板 Other Manufacturing Process for Printed Circuit Board

其他相關製程應用產品

3M™ 氣動式研磨機

電鍍前置研磨 - 去毛頭

除填孔油墨水 - 研磨

鋼板清潔



氣動式研磨機在各種印刷電路板的特殊製程皆可幫助使用者達到完美的表面處理效果。



3M™ 乾濕兩用研磨砂紙

切片檢驗

乾濕兩用研磨砂紙可以在品質檢驗方面提供客戶較有經濟效益的解決方案。

