



# SF335C 聚酰亚胺薄膜基覆盖膜

SF335C Polyimide film based coverlay

## 特点

- 无卤无磷，阻燃性 UL94 V-0。
- 粘结强度高，尺寸稳定性好。
- 优秀的耐热性、耐化学性和电性能。
- 溢胶量低，加工性好，适于快速压合和传统压合。
- 满足 RoHS 指令要求，不含铅、汞、镉、六价铬、多溴联苯、多溴联苯醚等。

## 应用领域

挠性印制电路板用覆盖膜。

## FEATURES

- Halogen free and phosphorus free, UL94 V-0.
- High bonding strength, good dimensional stability
- Excellent soldering reliability, chemical resistance and electrical properties.
- Low adhesive flowing, good processability, suitable for both fast and traditional lamination style.
- Compatible with EU RoHS directive, free of Pb,Hg,Cd, Cr<sup>6+</sup>,PBB,PBDE, etc..

## APPLICATIONS

Coverlay for FPC.

## 性能表 GENERAL PROPERTIES

性能项目 Test Item	测试方法 Test Method	单位 Unit	标准值* Standard Value	典型值 Typical Value	
				SF335C 0515	SF335C 1025
溢胶量 Resin Flow	Shengyi Method	mm	<0.15	<0.15	<0.15
剥离强度 Peel Strength (90°)	IPC-TM-650,No.2.4.9	N/mm	≥0.7 ≥0.53	1.0 1.0	1.1 1.1
	Method A				
	Method C				
热应力 Thermal Stress	IPC-TM-650,No.2.4.13	-	Pass	Pass	Pass
尺寸稳定性 Dimensional Stability	Shengyi Method	%	±0.2	±0.1	±0.1
耐化学性 Chemical Resistance	IPC-TM-650,No.2.3.2	%	≥80	>90	>90
体积电阻率 Volume Resistivity	IPC-TM-650,No.2.5.17	MΩ-cm	≥10 <sup>6</sup>	2.0×10 <sup>6</sup>	2.5×10 <sup>6</sup>
表面电阻 Surface Resistance	IPC-TM-650,No.2.5.17	MΩ	≥10 <sup>4</sup>	1.5×10 <sup>5</sup>	1.5×10 <sup>5</sup>

注释 Explanations: \* Certified to IPC-4203/2 Epoxy adhesive on one or two sides of polyimide dielectric and Shengyi standard.



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## 产品规格代码描述 Product Code Description

SF335C 05 15

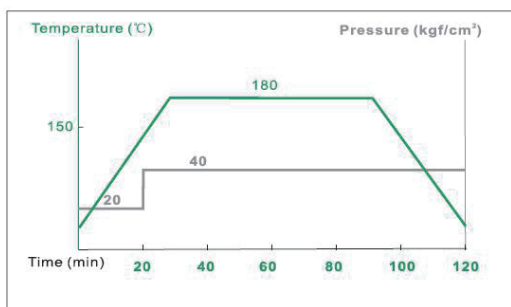
- 胶粘剂厚度 Adhesive Thickness: 15 - 15  $\mu$ m; 25 - 25  $\mu$ m
- PI 膜厚度 PI film Thickness: 05 - 12.5  $\mu$ m; 10 - 25  $\mu$ m
- 生益无卤覆盖膜产品编号 Shengyi Coverlay Designation

## 常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

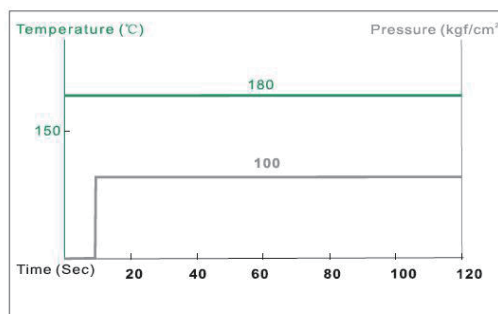
产品规格 Specifications	PI 膜厚度 ( $\mu$ m) PI film Thickness	胶粘剂厚度 ( $\mu$ m) Adhesive Thickness	应用举例 Applications
SF335C 0515	12.5	15	挠性印制电路用覆盖膜 Coverlay for FPC
SF335C 0520	12.5	20	
SF335C 0525	12.5	25	
SF335C 1025	25	25	
SF335C 1030	25	30	

## 压板推荐 PRESS PROPOSE

### HOT PRESSING CYCLE



### FAST PRESSING CYCLE



传压参数根据不同设备及产品规格需作相应调整；采用快压方式，后固化条件是 160-170 $^{\circ}$ C、60-90 分钟。  
The parameters of hot Pressure need to be adjusted according to different equipment and product specifications. After fast press, the curing condition is 160-170 $^{\circ}$ C for 60-90min.

## 包装 PURCHASING INFORMATION

产品宽度 250+2/-0mm 或 500+2/-0mm，每卷 100+2/-0 米或 200+2/-0 米；其它规格、尺寸可根据客户要求而定。SF335C is supplied in rolls and standard width of 250+2/-0mm or 500+2/-0mm. Roll length is 100+2/-0m or 200+2/-0m. Other sizes could be available upon request.

## 贮存条件 STORAGE CONDITION

贮存在干燥的室内；以原始包装贮存在 4-10 $^{\circ}$ C 的冷藏室里，贮存期为三个月。  
Stored in the room of dryness. Three months when stored in the original packaging at 4-10 $^{\circ}$ C.