



# SF215C 黑色无卤阻燃覆盖膜

SF215C Black PI Based Halogen-free Flame-resistant Coverlay

## 特点

- 透明度低，遮光性佳。
- 阻燃性达到 UL94 V-0 级。
- 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。

## FEATURES

- Low transparence, excellent light-blocking.
- Flammability UL94 V-0.
- 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..

## 应用领域

挠性印制电路板用覆盖膜。

## APPLICATIONS

Coverlay for FPC.

## 性能表 GENERAL PROPERTIES

性能项目 Test Item	测试方法 Test Method	单位 Unit	IPC 标准值* Standard	典型值 Typical Value
				SF215C 0205
溢胶量 Resin Flow	SY Method	mm	-	<0.15
剥离强度 Peel Strength (90°)	IPC-TM-650, No.2.4.9 Method A Method C	N/mm	≥0.7 ≥0.53	0.8 0.8
热应力 Thermal Stress	IPC-TM-650, No.2.4.13	-	Pass	Pass
尺寸稳定性 Dimensional Stability	SY Method	%	±0.2	MD:-0.0483 TD:0.0263
耐化学性 Chemical Resistance	IPC-TM-650, No.2.3.2	%	≥80	>85
体积电阻率 Volume Resistivity	IPC-TM-650, No.2.5.17	MΩ-cm	≥10 <sup>6</sup>	4.07×10 <sup>10</sup>
表面电阻 Surface Resistance	IPC-TM-650, No.2.5.17	MΩ	≥10 <sup>4</sup>	1.01×10 <sup>6</sup>
燃烧性 Flammability	UL 94	-	UL94 V-0	UL94 V-0

注释 Remarks: \* Certified to IPC-4203/2 Epoxy adhesive on single or double side of polyimide dielectric

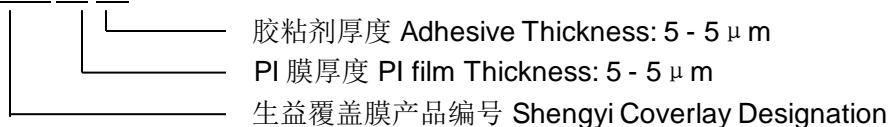


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## 产品规格代码描述 Product Code Description

SF215C 02 05

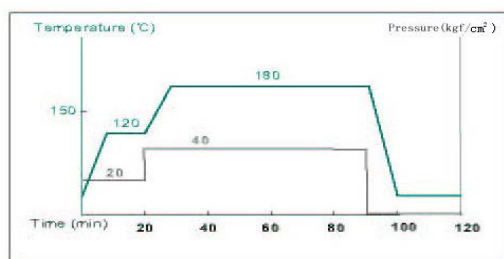


## 常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

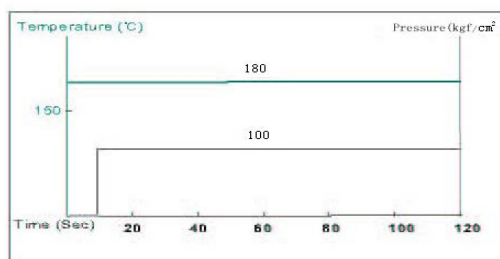
产品规格 Specifications	PI膜厚度 (μm) PI film Thickness	胶粘剂厚度 (μm) Adhesive Thickness	应用领域 Applications
SF215C 0205	5	5	挠性印制电路板用覆盖膜 Coverlay for FPC

## 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 150-160℃、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 150-160℃ 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。SF215C 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、无腐蚀气体的室内。以原始包装贮存在4-10℃的冷藏室里，贮存期为三个月。  
Stored in dry room with humidity control and with no corrosive gases. Three months when stored in the original packaging at 4-10℃.