

# NEW SF-PC5500

## Excellent nonflammable Halogen free EMI Shielding Film for FPC

**SF-PC5500** has evolved as UL94 on-VTM-0 product without degrading Functions of SF-PC5000. Accomplishing Halogen free Shielding film by using an excellent nonflammable resin in an adhesive. Shielding, mechanical, physical properties, various reliabilities and reprocessing process for FPC are almost the same as SF-PC5000. Manufacturing method, Structure, Appearance and Size of each structure are as same as SF-PC5000. It is the best tool for an application that requires safety and environmental friendly addition to High sliding performance and dynamic bending.

### Environmental Friendliness (SF-PC5000 Series)

	NEW SF-PC5500	SF-PC5000
Halogen Free	Applicable	Applicable
RoHS Directives	Applicable	Applicable
Lead free reflow-soldering	Applicable	Applicable
SONY GB (GREEN BOOK)	Resistered	Resistered
<b>UL94 flame class</b>	<b>VTM-0</b>	-

### Features of SF-PC5000/SF-PC5500

- UL94 VTM-0** (only apply for SF-PC5500)

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- Ultra thin body of 22 μm**  
 The inner insulation layer has excellent flexibility and outer insulation layer has excellent abrasion resistance. Base shielding material is consisted by 2 layer casting method.

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- Increased sliding performance and flexibility**  
 The best tool for a sliding part in a slide type mobile equipment that is becoming slimmer.

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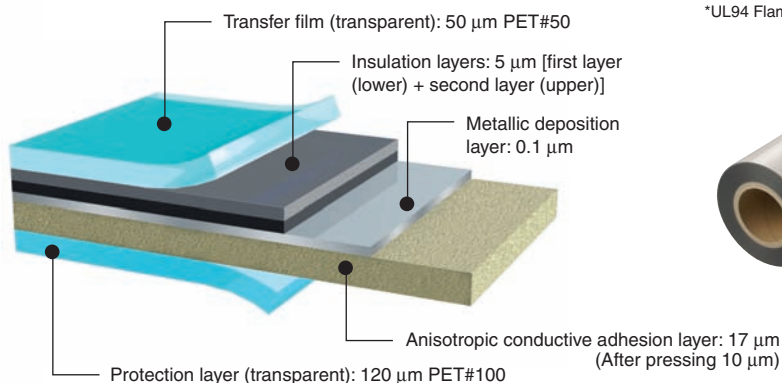
- Supports moisture absorption reflow-soldering**  
 Improved gas barrier. Also completely compatible with lead-free soldering.

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- Excellent dimensional stability**  
 Thermal shrinkage rate of one side shielding material is dramatically decreased.

Contents of UL recognized  
**UL94 VTM-0 (bonded Kapton 50H on one side)**  
 \* Kapton® is Dupont's registered trademark.

### Cross Sectional Structure of SF-PC5000 Series



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**SF-PC5500 **  
 TATSUTA SYSTEM ELECTRONICS Co., LTD.

\*UL94 Flame class: VTM-0

