

8 μ m Super thin EMI Shielding Film for FPC



We release 8 μ m Super thin EMI Shielding Film.

And it has other excellent features, its sliding or bending life is over 1 million cycles with radius at 0.65 mm and temperature from -20 to 65 deg. C.

Although it is Halogen free, it is excellent nonflammable (a flame class UL94, VTM-0).

Actually it is super thin type, but it has the same features of SF-PC5000 like shielding characteristics and the processing condition is also same as that of SF-PC5000.

This thinner and lighter one can give you further assistance.

The features of SF-PC5900

Super thin body of 8 μ m

The thickness of it has been reduced by about 50 % comparing with existing EMI Shielding film, SF-PC5000.

Excellent sliding performance at wide range temperature

Sliding life is over 100 millions cycles at a sliding type mobile phone with radius at 0.65 mm or more.

UL94 VTM-0

Although it is Halogen free, it is excellent nonflammable UL94 VTM-0.

OSP resistance

After bonding Shielding film on FPC, it can pass OSP treatment.

Environmental Friendliness

	NEW SF-PC5900
UL94 flame class	VTM-0
Halogen free	Applicable
RoHS Directives	Applicable
Lead free reflow-soldering	Applicable
SONY GREEN BOOK	During application

Contents of UL recognized

UL94 VTM-0 (bonding Kapton 50H on one side)

*Kapton is Dupont's registered trademark

8 μ m Super thin EMI Shielding Film for FPC

SF-PC5900 

*UL94 Flame class: VTM-0

Cross Sectional Structure of SF-PC5900

