

# EMI Shielding Film

for High-speed Transmission FPC

## SF-PC3100-C



SF-PC3100-C is an ideal EMI shielding film for the high-speed transmission FPC. The demand on FPC which has superior high-speed transmission property increases as the resolution and the performance of smartphones and tablet PCs improve.

SF-PC3100-C reduces the transmission loss and enables FPC to function at high-speed.

### Features

5.5 μm RA copper shielding layer can perform below.

▶ **Superior property at high-speed transmission**

Low transmission loss, high aperture ratio of the eye diagram

▶ **Excellent EMI shielding property**

Higher EMI shielding property than existing EMI shielding films

▶ **Maintaining shape**

As it has a rolling copper foil as a shielding layer, it can maintain a shape and improve an operation during embedding.

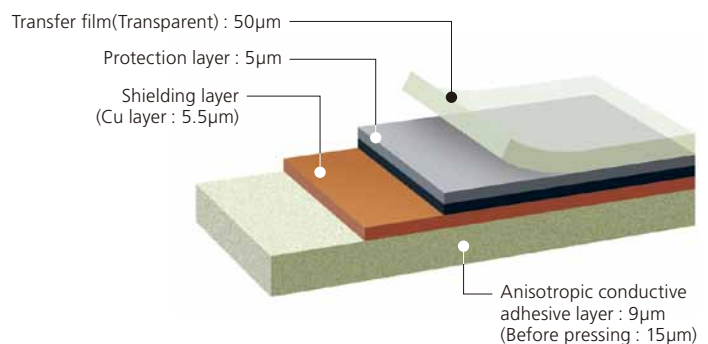
**UL recognized component**

UL94 V-0 (bonding Kapton 50H on one side)  
\*Kapton is Dupont's registered trademark

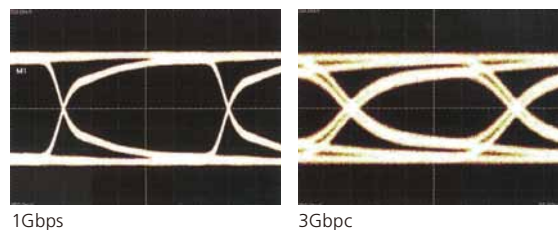
**Environmental regulation**

Environmental regulation	SF-PC3100-C
UL94 flame class	V-0
Halogen free	Applicable
RoHS Directives	Applicable
Lead free reflow-soldering	Applicable

### Cross Sectional Structure of SF-PC3100-C



### Eye Diagrams of FPC with SF-PC3100-C



1Gbps

3Gbps