

# EMI Shielding Film for FFC

## Thermoplastic EMI Shielding Film

### SF-FC700



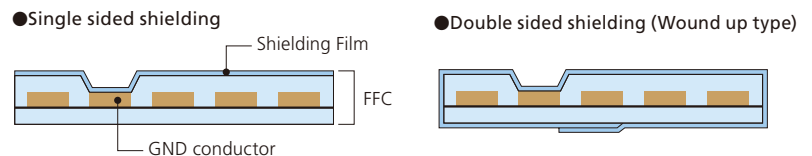
SF-FC700 is Heat sealing type (Thermoplastic type) EMI Shielding Film. Total thickness is only 30μm by our thin layer forming technique. It is the best shielding material for mobile equipments and various wire rod because of its super lightweight and excellent flexibility.

#### Features

- ▶ **Super lightweight and excellent flexibility**  
Total thickness is ultra thin, 30μm, and it is super lightweight and excellent flexibility.
- ▶ **Bond at low temperature for short time**  
Easily to be bonded various materials because of a heat sealing conductive adhesive.
- ▶ **Excellent shielding effectiveness**  
Surface resistance of a metallic thin layer is 200mΩ/sq., it shows excellent shielding characteristics.
- ▶ **Provide free in a product width**  
Wide selection of a product width from 16mm to 570mm.
- ▶ **Meet small lot**  
We can accept any purchase order what you need.

#### Product specification

Items	Specification	
Mold release film	Material	OPP
	Thickness	40μm
Conductive adhesive	Resin	Polyester (Thermo plastic type)
	Filler	Silver coated Copper powder
	Thickness	20μm
	Adhesive strength	4N/cm (against PET)
	Adhesive condition	Temperature: 120°C Pressure: 0.5–1.0MPa Time: 5–10sec
Metallic thin layer	Material	Silver
	Thickness	800Å (about 0.1μm)
	Surface resistance	200mΩ/□
Base film	Material	PET
	Thickness	9μm



#### Cross Sectional Structure of SF-FC700

