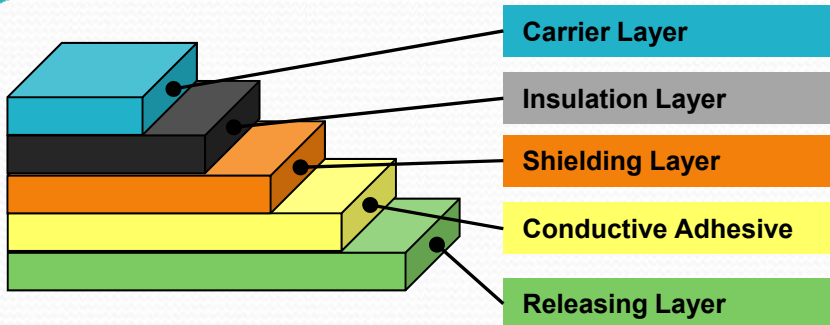


电磁屏蔽膜



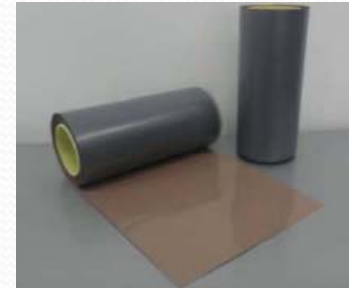
Electromagnetic Interference Shielding Film

◆ 产品结构 Product Structure



自主專利技術 (Own patented technology)

◆ 产品实例 Product Samples



ESF2300

◆ 产品特点 Product Features

- 优越的电磁波屏蔽特性 High performance in shielding effectiveness (SE)
- 稳定的阻抗控制 Achieve consistent impedance control design
- 高填充性 High filling
- PI型绝缘层，表面硬度优异 PI type insulation layer, excellent surface hardness
- 符合环保要求 Meet environmental requirements

◆ 产品特性 Characteristics

检测项目 Test Items	实验条件 Condition of Testing	单位 Units	产品 Product			标准 Test Method
			ESF1600	ESF2300 (PI Type)	ESF6000P (PI Type)	
厚度 (Thickness)	A	um	17±2um	12±2um	16±2um	APLUS SPEC
剥离强度 (Peel strength)	A	kgf/cm	≥0.7	≥0.7	≥0.7	IPC-TM-650 2.4.9
导电性 (Conductivity)	A	Ω	10mm < 1Ω (GNDΦ1.0mm)	10mm < 1Ω (GNDΦ1.0mm)	10mm < 0.5Ω (GNDΦ1.0mm)	JIS C5016 1994-7.1
焊锡耐热性 (Solder resistance)	10 seconds at 288℃	-	PASS	PASS	PASS	IPC-TM-650 2.4.13
印字符 (Print character)	A	-	PASS	PASS	PASS	IPC-TM-650 2.4.1.1
屏蔽效能 (Shielding efficiency)	A	dB	63dB @1GHz	65dB @1GHz	103dB @10GHz	GB/T 30142-2013
耐化学特性 (Chemical resistance)	IPA/MEK/ 2M HCl/ 2M NaOH	%	≤20	≤20	≤20	IPC-TM-650 2.3.2
保存期限 (Shelf life)	≤10℃, 40-70%RH	-	3 months in the original producing			APLUS SPEC

*所有数据为测试代表值 All data are representative value and not guarantee.