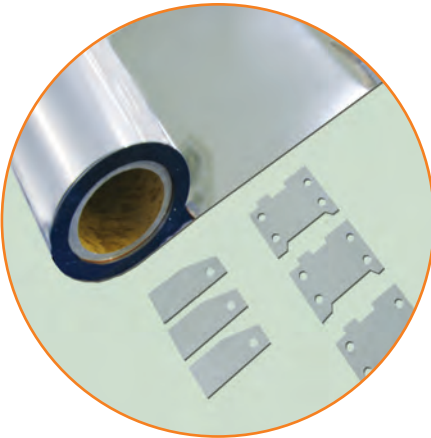


# ULTRA-THIN Conductive Film

## REMI Series



### Multi-layer, ultra-thin conductive film

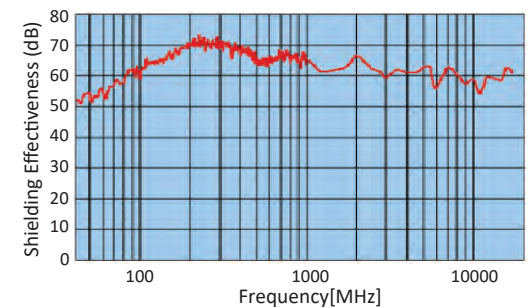
- Thin conductive film with great shielding effectiveness
- Suitable for shielding noise on flexible cables and small devices with limited clearance
- Resistant to galvanic corrosion
- Easier and safer to handle compared to metal conductive tapes
- Total thickness of REMI-FS and REMI-SC are 35μm;  
REMI-FA and REMI-AC are 55μm

### Specifications

Part Number	REMI-FS	REMI-FA	REMI-SC	REMI-AC
Base Material	PET	PET	PPS	PPS
Metal Film	SUS/Cu	SUS/Cu	SUS/Cu	SUS/Cu
Surface Resistance ( $\Omega/\square$ )*	< 0.5	< 0.5	< 0.5	< 0.5
Total Thickness (mm)	0.035	0.055	0.035	0.055
Adhesive Property	Non-Conductive	Electrically Conductive	Non-Conductive	Electrically Conductive
Flame Rating (UL94)	—	—	UL94 VTM-0 Equivalent**	UL 510A
Operating Temperature(°C)	-20 ~ +85	-20 ~ +85	-40 ~ +85	-40 ~ +85
Standard Sheet Size (mm)	210 x 310	220 x 310	210 x 310	220 x 310

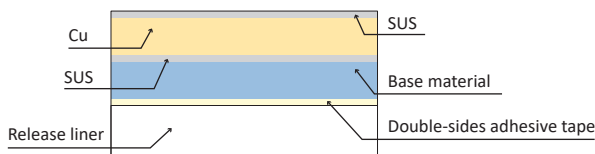
\*Measured in film form \*\*Not including adhesive

### Properties

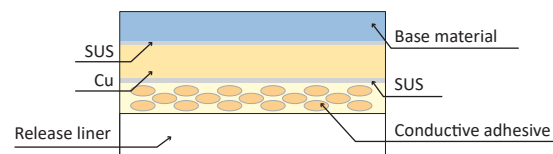


### Cross-section view

#### REMI-FS, REMI-SC: Surface Conductive

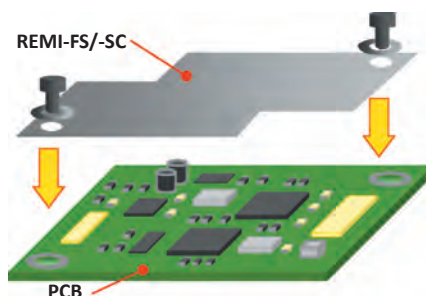


#### REMI-FA, REMI-AC: Conductive Adhesive

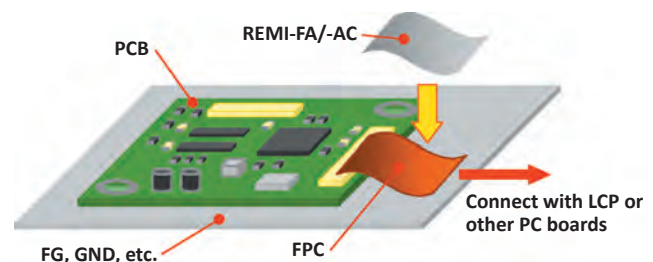


### Application Examples

#### Shielding small boards with surface conductive metal film



#### Shielding and frame grounding of FPC's



Tel: 1-855-EMC-PART (1-855-362-7278) Email: sales@kgs-ind.com

Please request for detailed product specification data prior to purchase

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