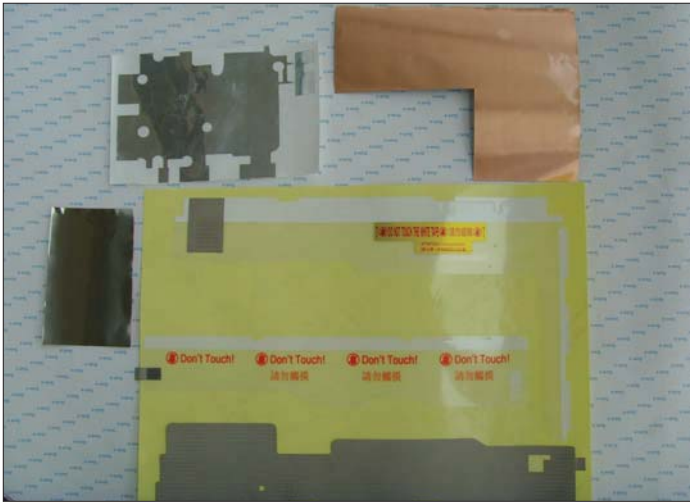


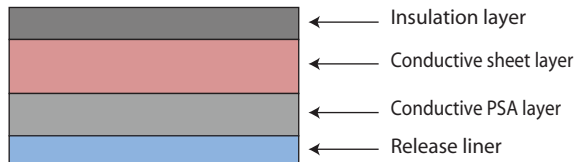
INSULATED EMI SHIELDING TAPE



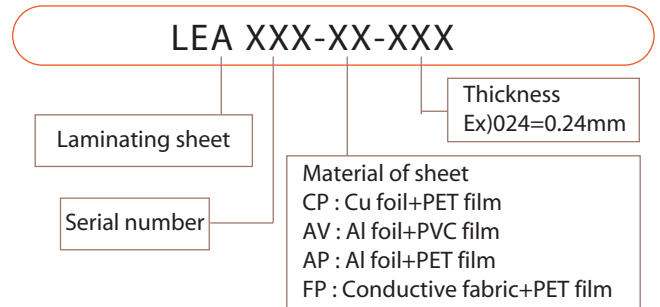
- RoHS compliant
- Close-contact on bent surface
- Good shielding effectiveness
- low price

- Dual function : Shielding EMI noise and provide insulating surface
- Custom-made in accordance with customer's required thickness and shape
- CP series can be soldered by melting away the insulation layer.

STRUCTURE



PART NUMBER STRUCTURE



TYPES

■ LEA-CP series

Cu foil 0.040mm
PSA 0.010mm
PET film 0.10mm

Total thickness : 0.15mm ± 0.03

■ LEA-AP series

Al foil 0.040mm
PSA 0.010mm
PET film 0.10mm

Total thickness : 0.15mm ± 0.03

■ LEA-AV series

Al foil 0.011mm
PET film 0.007
PVC film 0.24mm

Total thickness : 0.257mm ± 0.03

■ LEA-FP series

Conductive fabric 0.110mm
PSA 0.010mm
PET film 0.10mm

Total thickness : 0.22mm ± 0.03

LAYER MATERIAL SPECIFICATIONS

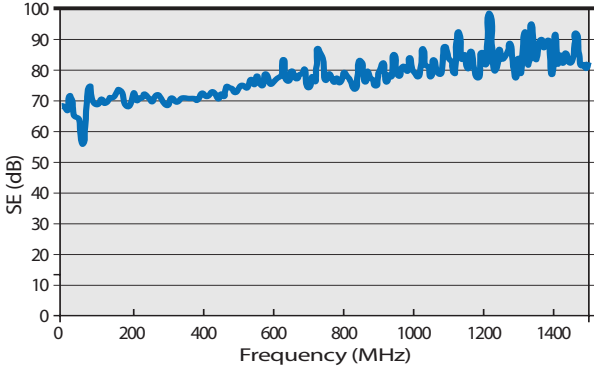
Copper foil	Aluminum foil	Polyester film	Conductive fabric
<ul style="list-style-type: none"> • Purity [%] : 99.9 • Specific gravity [g/cm³] : 8.93 • Hardness (HV) : 50~65 • Thickness[mm]:0.04,0.07,0.1,0.2 • Electrical conductivity [%] : 100 • Thermal conductivity [W/m°C] : 386 • Elongation [%] : >20 • Operating temp. [°C] : -50 to +110 	<ul style="list-style-type: none"> • Purity [%] : 99.3 • Thickness [mm] : 0.009~0.100 • Tensile strength [Kg/mm²] : 14~22 • Elongation [%] : 5~10 • Operating temp. [°C] : -50 to +110 	<ul style="list-style-type: none"> • Thickness [mm] : 0.100 • Tensile strength [kg/mm²] warp 17 / weft 22 [ASTM D 882] • Heat shrinkable rate [%] warp 1.1 / weft 0.2 (150°C/30min) • Visible ray transmittance [%] : 80 [ASTM D 1003] • Breakdown voltage [kV DC] : 17 [ASTM D257] • Operating temp. [°C] : -50 to +110 	<ul style="list-style-type: none"> • Material : PET+(Ni+Cu+Ni plating) • Thickness [mm] : 0.11 • Density [g/cm³] : warp 188 ± 5 weft 92 ± 5 • Weight [g/cm²] : 81 ± 5 • Tensile strength [N] : warp 671.3 ± 10, weft 392 ± 10 • Elongation [%] : warp 27.6 ± 10 weft 36.8 ± 10 • Surface resistance [Ω/□] : 0.07 • Operating temp. [°C] : -50 to +110

TYPICAL PERFORMANCE

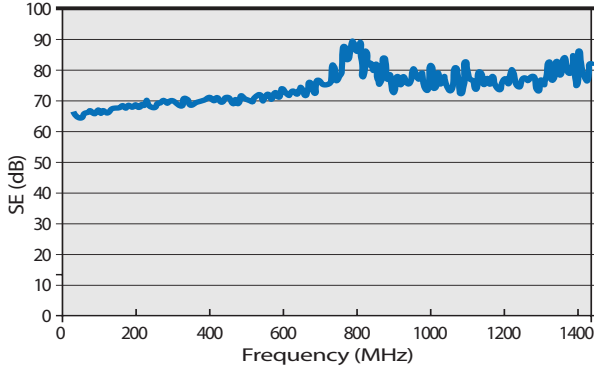
■ Shielding effectiveness

▶ Test standard : ASTM D 4935

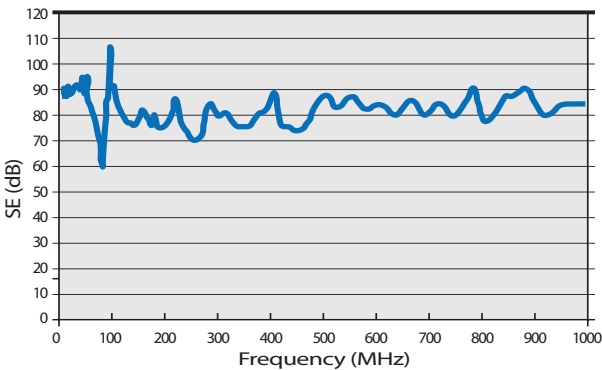
• LEA-CP series (Cu foil T0.04mm)



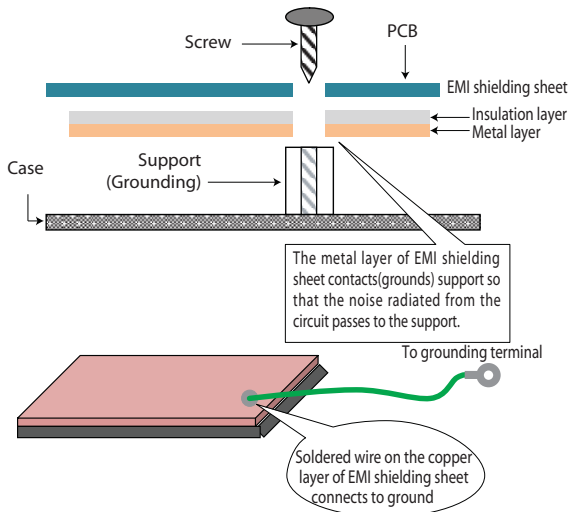
• LEA-FP series (conductive fabric t0.11mm)



• LEA-AP series (Al foil T0.04mm)

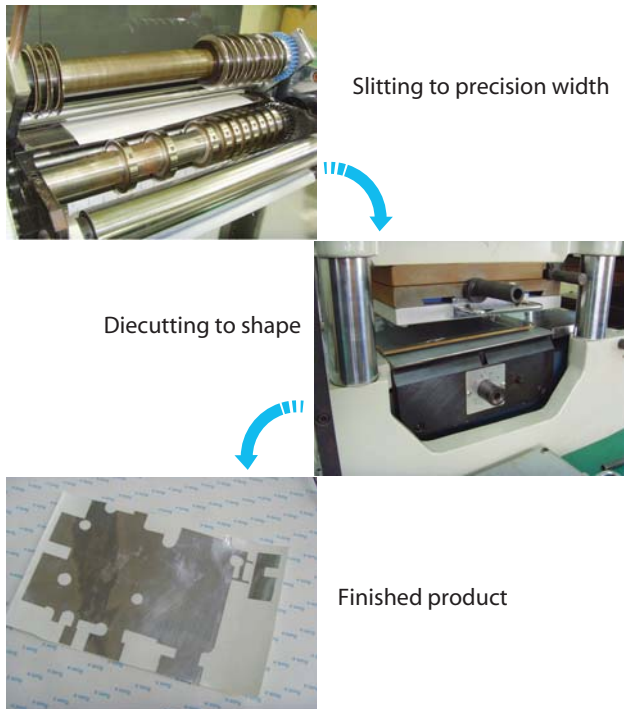


USAGE GUIDE



Notebook PC interior shielded by AP series sheet

CONVERSION SERVICES



USAGE EXAMPLES

Notebook PC, PDA, GPS terminal, MP3, mobile device, etc.