

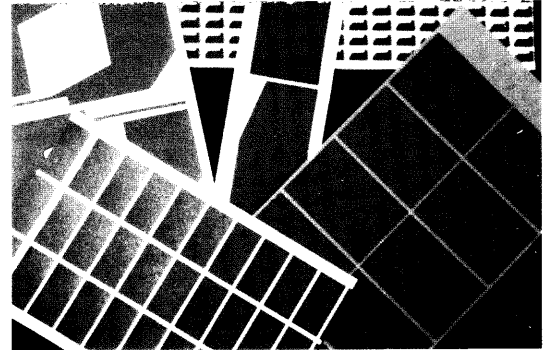
ELPACTO® Flexible EMI Absorber

ITEM EA1005 / EA103 RoHS compliant

Our EA series of EMI Absorber consist of Polymer resin and metal flakes filler which is available in 210mm x customer's required length in roll.

EA series of EMI Absorbers can sufficiently suppress radiated noise from electrical devices such as mobile phones, digital camera, DVD, camcorder, wireless LAN and Lap top computre, etc.

Also, EA1005 / EA103 absorber is the broad band absorber which cover 0.1 Ghz to 18Ghz of wide range of frequency.



Property	Unit	Test Method	EA1005	EA103
Effective Frequency			100MHz ~ 5GHz	10MHz ~ 3GHz
EMI absorber thickness	mm	KSM ISO 2589	0.08 ~1.2	0.08 ~1.2
Adhesive thickness	mm	KSM ISO 2589	0.03 / 0.05 / 0.1	0.03 / 0.05 / 0.1
Standard size	mm	-	210mm x Requested Meter	210mm x Requested Meter
Temperature range	℃	-	-25 ~ 125	-25 ~ 125
Specific gravity	-	-	3.0 ± 0.3	3.4 ± 0.3
Surface resistance	Ω	JIS K 6911	1.0×10 ⁸	1.0×10 ⁷
Thermal conductivity	W/m·K	ASTM D 5470	0.9 ± 0.1	0.9 ± 0.1
Tensile strength	kg/cm ²	ASTM D 638	> 100	> 100
Elongation	%	ASTM D 638	> 60	> 60

- Countermeasures for Mobile Phone SAR
- Countermeasures for Digital Camera EMI
- Various Devices such as TV, PC, DVD, Lap top computre for EMI suppression
- Frequency repeater for EMI
- Countermeasures for Mobile communication EMI such as PDA, PDP etc.

