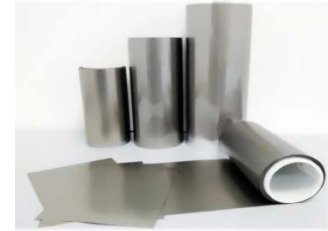


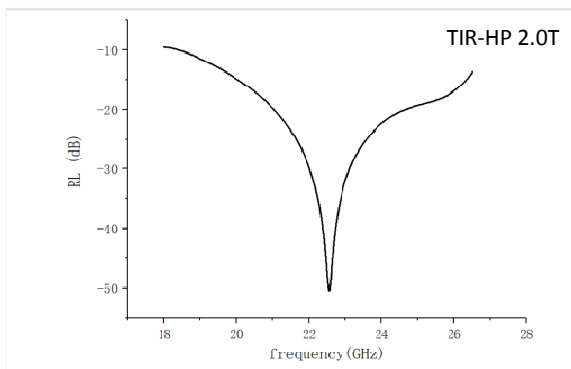
## Applications:

Provide EMC material solutions for EMI & EMS issue for IT devices

- 1.1 Metal rubber absorber to conduct different microwave resonance frequency within the property of loss energy
- 1.2 Noise suppressor for electric devices(Smart phones, Tablets, PCs and etc)
- 1.3 Receiver sensitivity improvement of PEN input (inductive coupling type)
- 1.4 Enhancement of NFC&WPC(PMA/WPC) function within electric devices

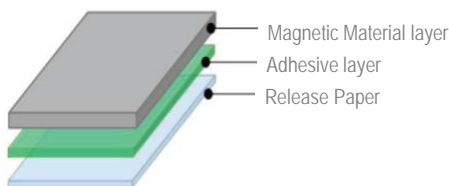


## performance curve:

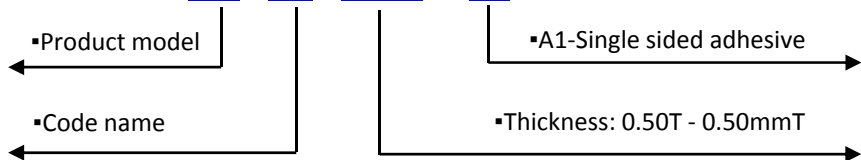


TIR™-HP Microwave Absorbing Materials			
Classification	Unit	Values	Test Method
Color	NA	Gray	Visual
Effective frequency	Hz	18GHz -26.5GHz	NA
Specific gravity	g/cm <sup>3</sup>	3	ASTM D297
Surface resistance	Ω	>1 x 10 <sup>12</sup>	ASTM D257
Hardness	Shore A	40-60	ASTM D2240
Thermal conductivity	W/mK	0.5	ASTM D5470
Temperature range	°C	-40 to +150	NA
Storage conditions	-	0-30°C/60%±10R.H	NA
Shelf life	month	12	NA
Thickness	mm	0.5-2.0mmT	
Standard size	mm	300x300 mm	

## Product mix:



## Product identification → TIR - HP- 0.50T - A1



Gap Fillers | Phase Change Materials | Thermally Conductive Insulators | Thermally Conductive Greases | Thermally Conductive Adhesive Tapes

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