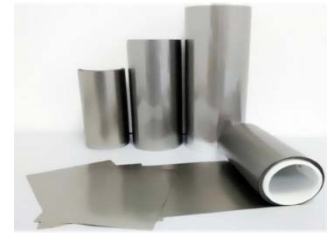


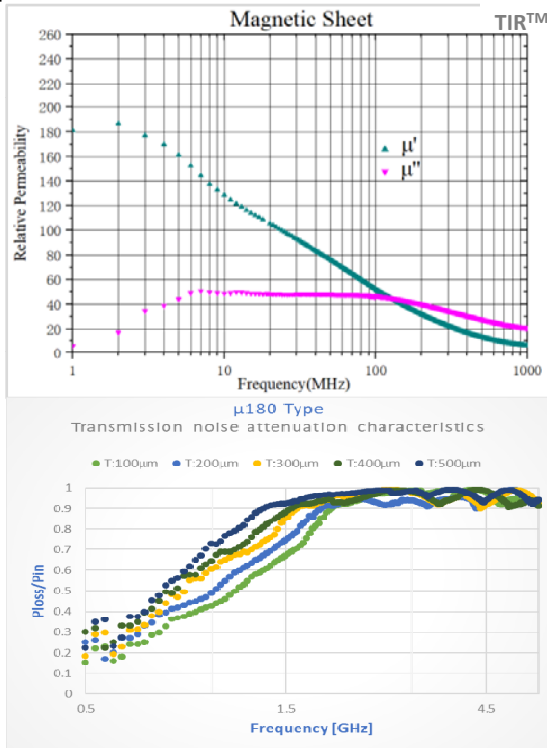
## Applications:

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



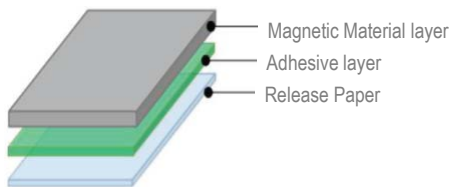
## performance curve:



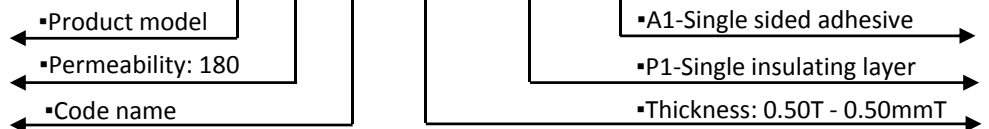
Ttest method : GBT32596-2016

TIR™9180-A Series Shielding Absorbing Materials			
Classification	Unit	Values	Test Method
Color	NA	Gray	Visual
Effective frequency	Hz	10MHz - 6GHz	NA
Permeability ( 1MHz )	μ'	180±20	E4991A
Specific gravity	g/cm <sup>3</sup>	2.1	ASTM D297
Surface resistance	Ω	>1 x 10 <sup>6</sup>	ASTM D257
Hardness	Shore A	40-60	ASTM D2240
Temperature range	°C	-40 to +120	NA
Storage conditions	-	0-30°C/60%±10R.H	NA
Shelf life	month	12	NA
Thickness	mm	0.03~0.5mmT	
Standard size	mm	297x210 mm	

## Product mix:



## Product identification → TIR9 180 - A 0.50T - P1 - A1



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

<b>Canada:</b> TEL:+001-604-2998559 E-mail: sales@thermazig.com <a href="http://www.thermazig.com">Http://www.thermazig.com</a>	<b>Taiwan:</b> TEL: +886-2-22771007 E-mail: frances@ziitek.com.tw <a href="http://www.ziitek.com.tw">Http://www.ziitek.com.tw</a>	<b>Dongguan:</b> TEL: +86-769-81017480 E-mail: sales@ziitek.com <a href="http://www.ziitek.com">Http://www.ziitek.com</a>	<b>Kunshan:</b> TEL: +86-512-57816297 E-mail: kelvin@ziitek.com <a href="http://www.ksziitek.com">Http://www.ksziitek.com</a>	<b>Chengdu:</b> TEL: +86-28-62379168 E-mail: sales@ziitek.com
--	--	--	--	---

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein.