



沃溪科技有限公司
NovelPark Co., Ltd

Graphite + Cu
Thermal Transfer Sheet

ZRT-GC

□ 特性

- 是以天然石墨 (Natural Graphite) 與 銅 (Cu) 的**非黏著**組成.
- 具有優良的導熱性和熱擴散效應.
- 優良的化學穩定性與高溫穩定性.
- 輕巧, 超薄, 柔性.
- 兼具電磁屏蔽的功能.

□ Thermal Conductivity (unit:W/mk) Measurement

- Measurement method: LFA(Laser-Light Flash Analysis)
- Sample: Natural Graphite 50 μm + Cu Thickness 2.5 μm

Division	Horizontal Heat Conductivity (W/m*k)	Vertical Heat Conductivity (W/m*k)	Remark
Natural G (Graphite)	400~600	8~12	spec sheet (Graphite supplier)
Natural G+Cu 2.5um	334	5.6	LFA. (Actual measurements)

ZRT-GC

□ Structure

■ Substrate

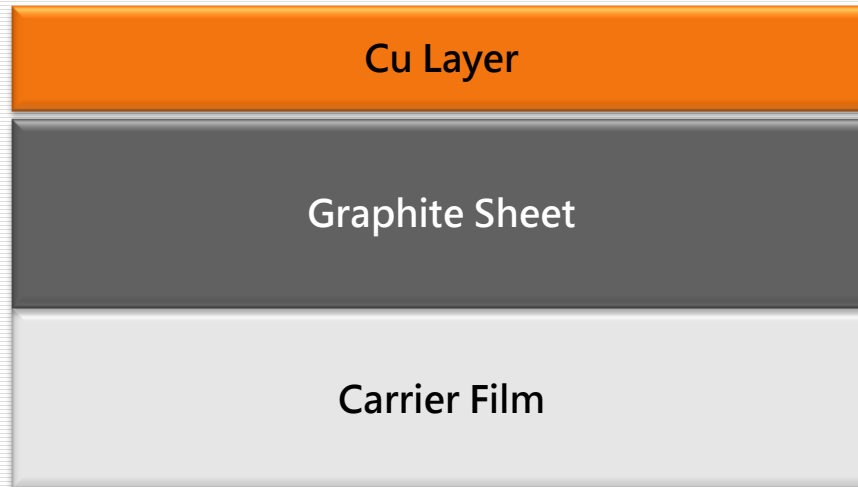
- Natural Graphite Sheet
- Thickness = 50um

■ RF Shield Layer

- Cu
- Thickness = 2.5um, 5.0um, 10um
- **Special thickness for Flexible Display = 0.2um**

■ Carrier Film

- As the user required



ZRT-GC

□ Application

- Smart Phone & Table
 - OLED Display
 - PCB
- Electronic Device

