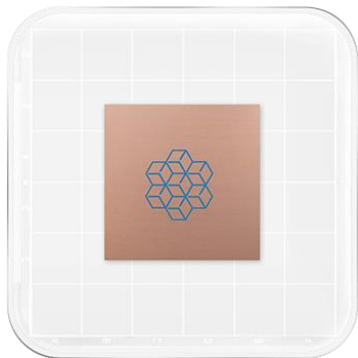
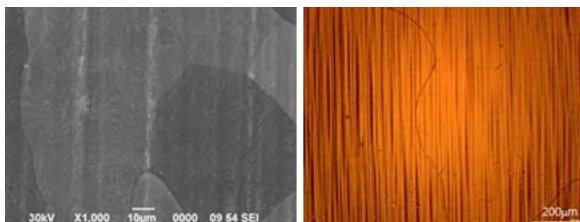


# TCVD Graphene on Cu foil



Product Size	Up to 500x600mm <sup>2</sup>
Film morphology	Continuous Monolayer (>95%)
Sheet Resistance	-
Mobility	>3500cm <sup>2</sup> /Vs
Transmittance	>97%
Substrate	Cu foil (35μm thick)
Domain Size	3-12μm

## SEM & Optical Microscope Image

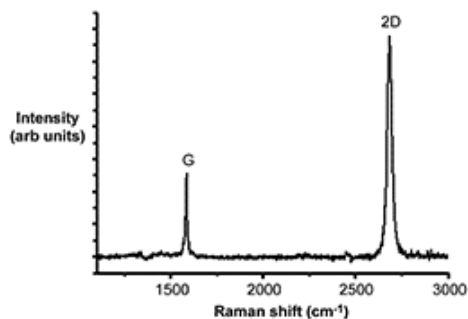


SEM Image (Left) and Optical Microscopy Image (Right) of Graphene on Copper foil

## Applications

- Flexible / Stretchable / Electronics
- Transparent electrode
- Support for metallic catalysis
- MEMS or NEMS
- Conductive coating
- Multi-functional Nanocomposite
- Graphene Research

## Raman Spectrum



Raman Spectrum (after transfer)

## Reference

- (1) S. Bae\*, H. Kim\* et al. "Roll-to-roll production of 30 inch graphene films for transparent electrodes" Nature Nanotech. 5, 574 (2010) [\[pdf\]](#) (Cover Article).