

# Supplementary Materials

## Influence of Deposition Temperature on the Structure and Current-Carrying Friction Performance of Cu Films by DC Magnetron Sputtering Technology

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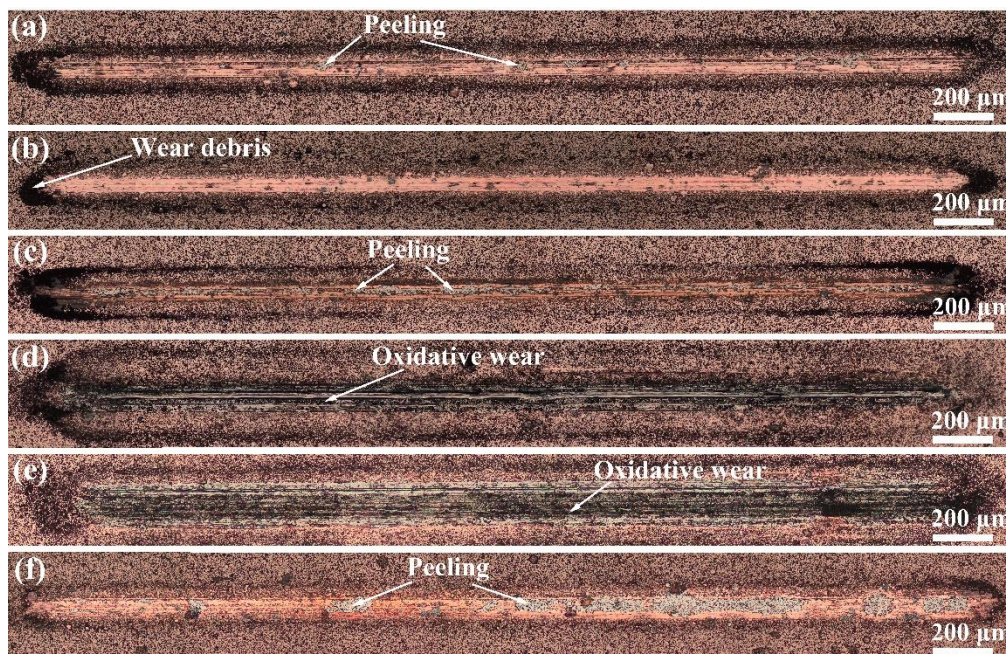
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**Figure. S1.** Optical images of the Wear tracks after 1200 cycles under the current of 0.5A: (a) -140 °C-Cu, (b) -95 °C-Cu, (c) -55 °C-Cu, (d) RT-Cu, (e) 50 °C-Cu and (f) 200°C-Cu