

Supporting Information

Highly Flexible and Transparent Film Heaters based on Silver Nanowires Embedded in Transparent Polyimide Film

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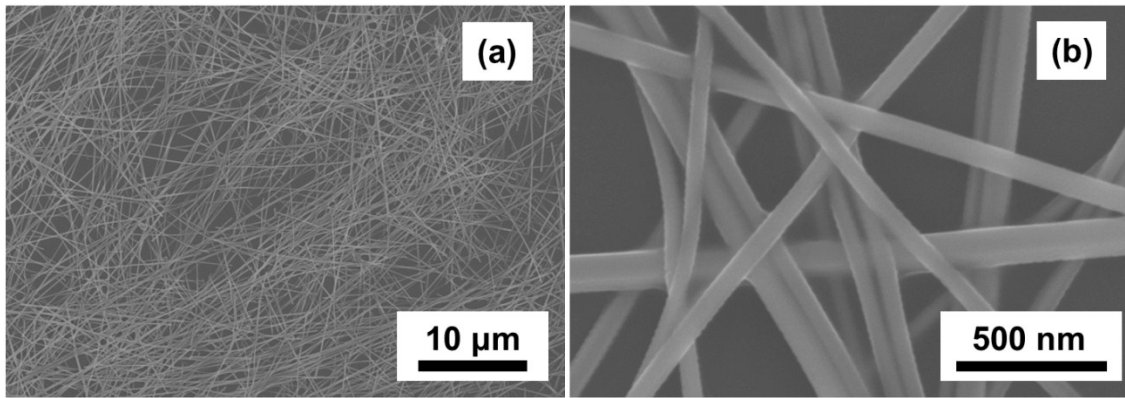


Figure S1 SEM images of the AgNWs.

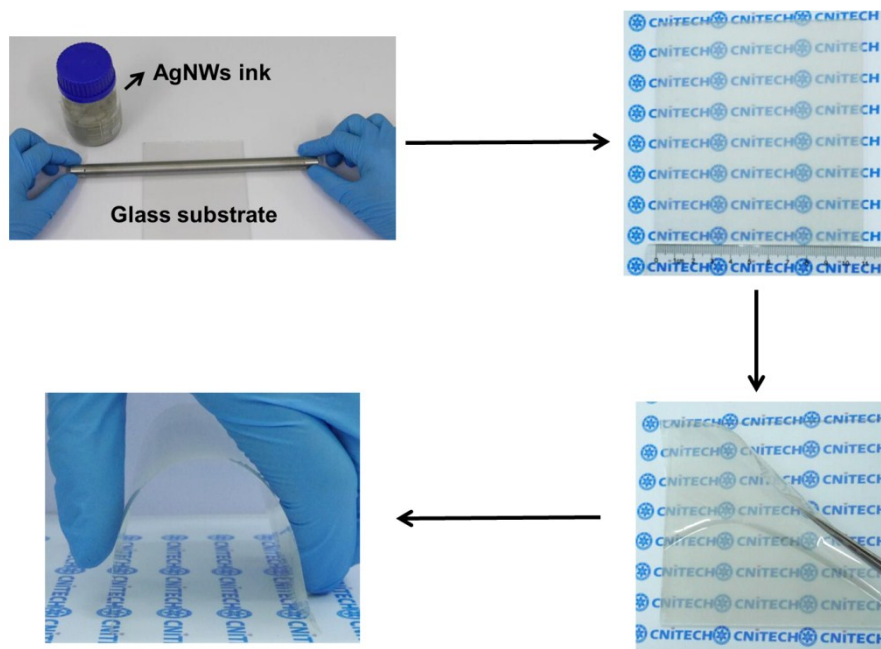


Figure S2 The photograph of fabrication processes of 10 cm × 10 cm AgNW/PI TFH.

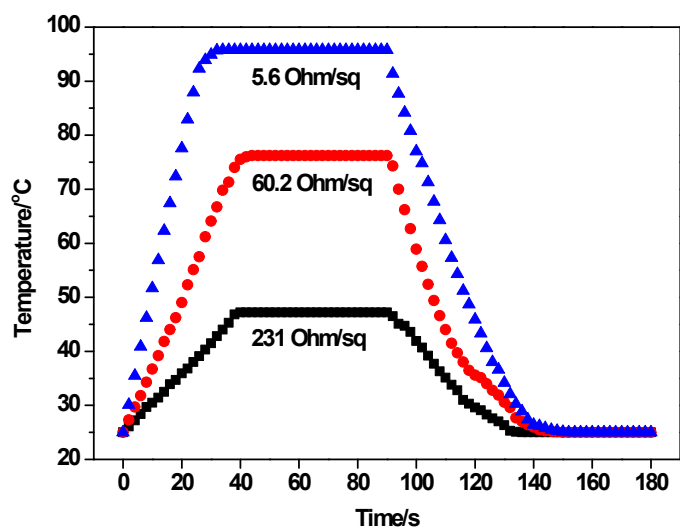


Figure S3 Temperature profiles of the AgNW/PI TFHs with the different sheet resistance under operation at a fixed input voltage of 6 V.

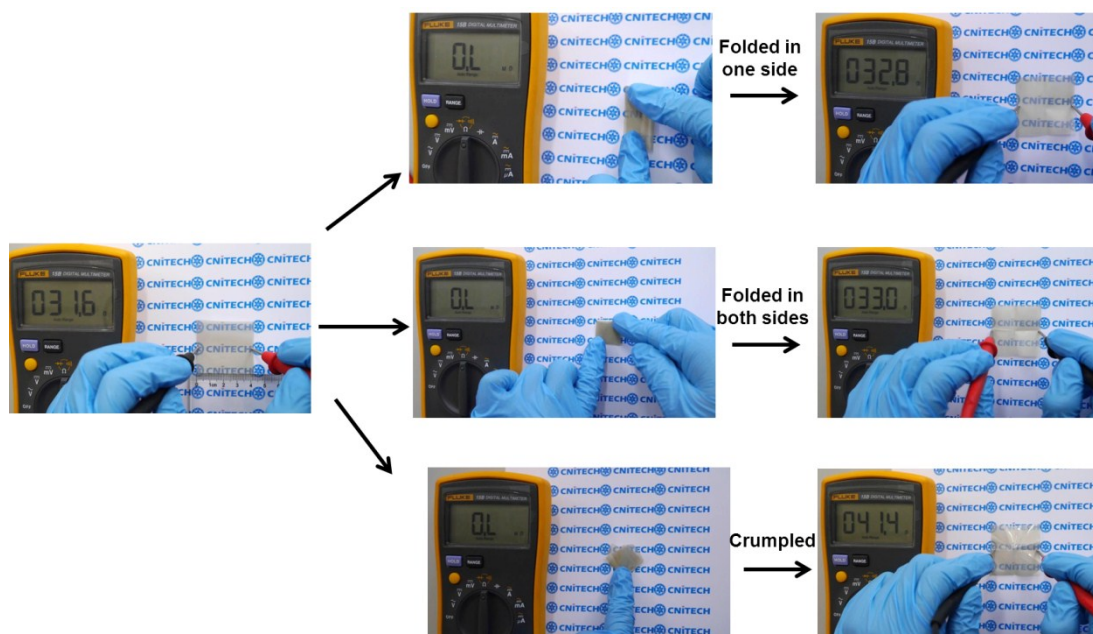


Figure S4 Sheet resistance changes of the AgNW/PI TFHs under the extreme conditions of folding and crumpling

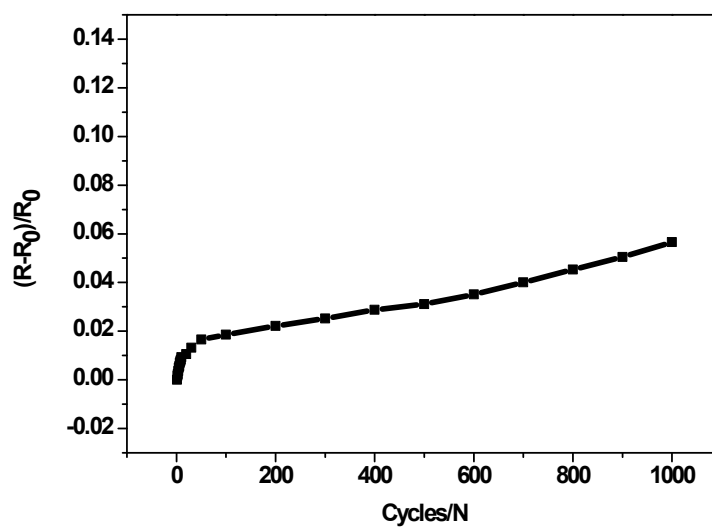


Figure S5 Sheet resistance change of the AgNW/PI TFH after repeated sticking and peeling.

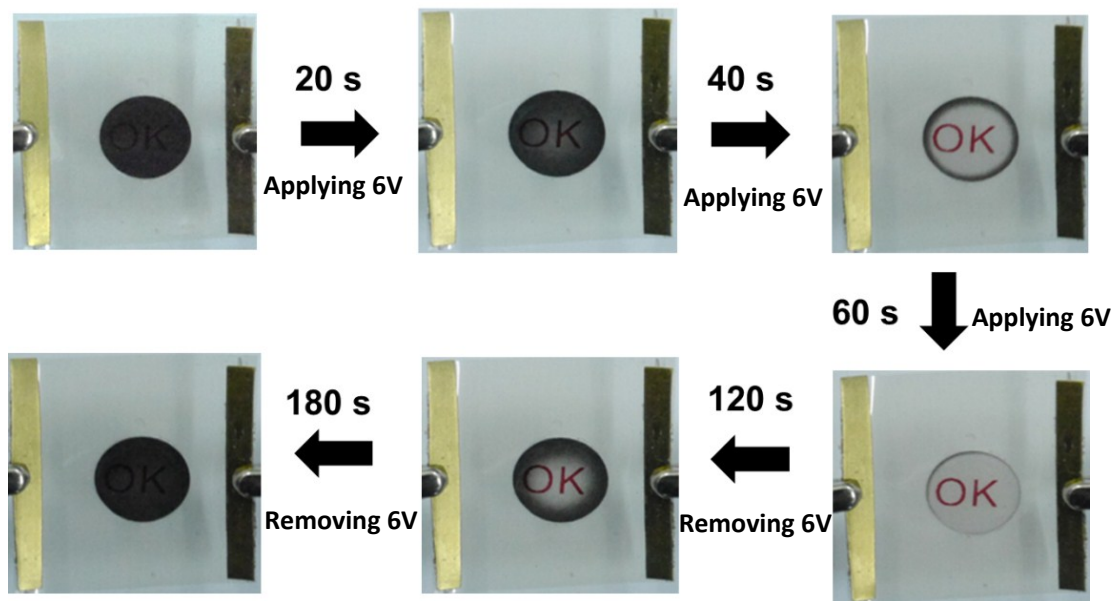


Figure S6 Thermochromic behavior of symbol with the AgNW/PI TFHs applying and removing a voltage of 6 V.