Supporting Information

Wearable Temperature Sensor Based on Graphene Nanowalls

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Fig. S1 Low and high magnification SEM images of GNWs on copper foil.



Fig. S2 Low and high magnification SEM images of GNWs.



Fig. S3 I-V characterization of sensor at different temperatures from 25°C to 120°C.



Fig. S4 AFM cross-section of crack region (red line in Fig. 4b, 6μ m) under different temperature, 25 °C, 60 °C, 90 °C and 120 °C, respectively.



Fig. S5 AFM cross-section of GNWs film in Fig. 4c (3μm) under different temperature, 25°C, 60°C, 90°C and 120°C, respectively.





Time (s) Fig. S7 Definition of response time.







Fig. S9 Morphology variation of GNWs film after 10 testing cycles.