

Supporting Information

Highly sensitive and wide sensing range of stretchable sensors
with structure of conductive microsphere array embedded in the
surface of the substrate

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Figure S1. Optical images at different stages of the PDMS/PS/rGO sensor preparation process.

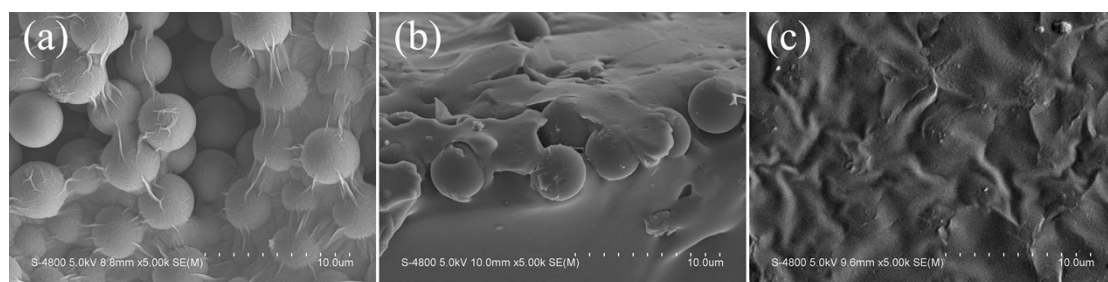


Figure S2. SEM image of a PS/GO dispersion prepared using 4 μm particle size PS particles (a), GO/PS is 10 wt%; cross section (b) and surface (c) SEM image of the corresponding sample.

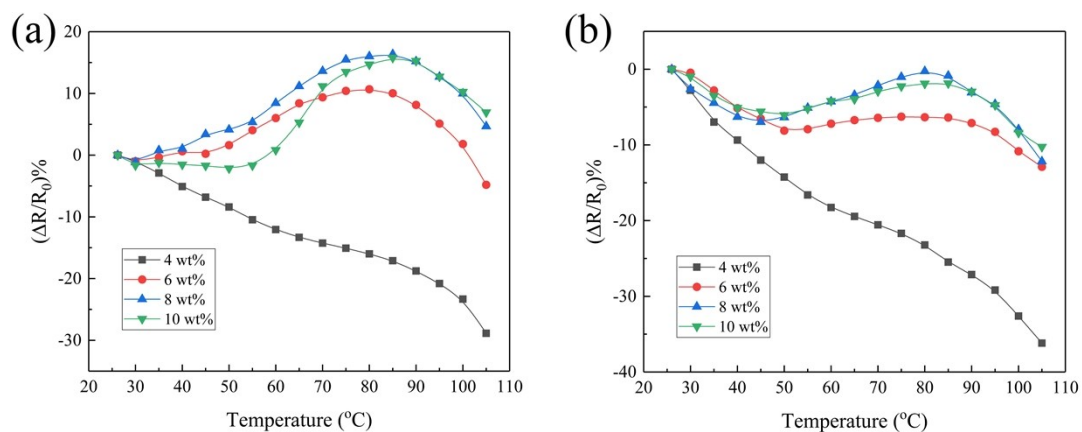


Figure S3. The resistance of a sensor prepared from 2 μm (a) and 4 μm (b) PS particles varies with temperature.

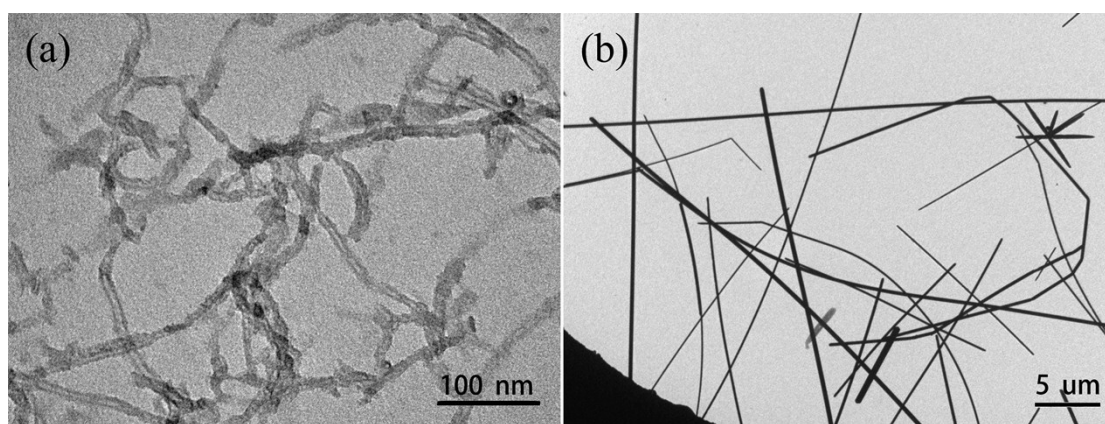


Figure S4. TEM images of O-MWCNTs and AgNWs.



Figure S5. Optical picture before and after application of AgNWs.

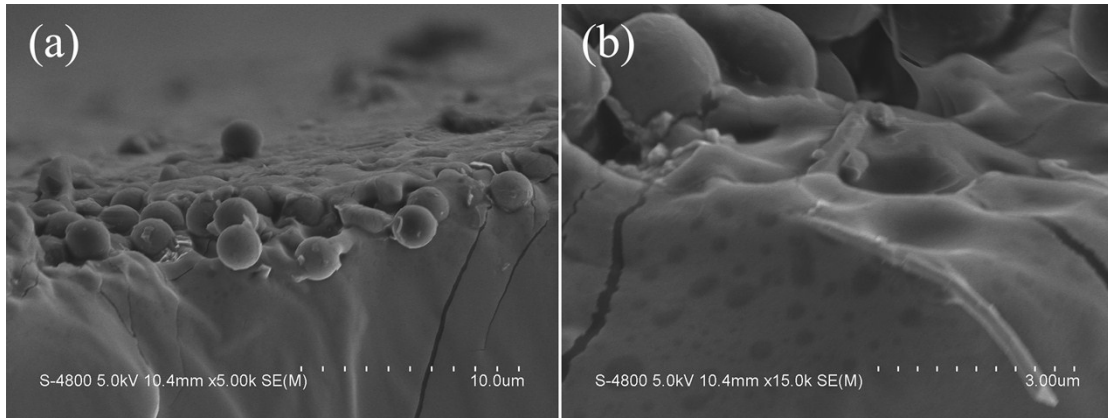


Figure S6. Cross-sectional SEM image of the PDMS/PS/rGO/AgNW sensor.