

Supporting Information

A simple and efficient transfer method for fabricating stretchable AgNW patterns on PDMS using carboxylated cellulose nanofiber as a sacrificial layer

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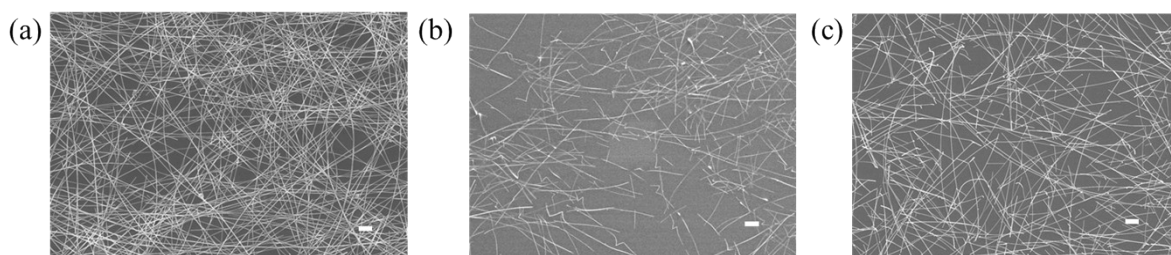


Fig. S1 (a-c) SEM images of the AgNW network (a) direct coated on glass, (b) transferred to PDMS substrate by curing and peeling-off process, (c) remained on glass after PDMS transfer. The bar is 1 μm .

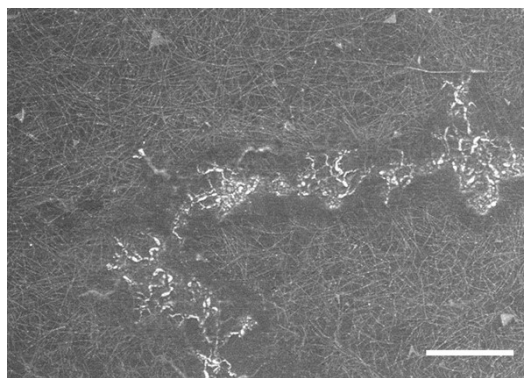


Fig. S2 SEM images of the AgNW network failure area after electric test. The bar is 10 μm .

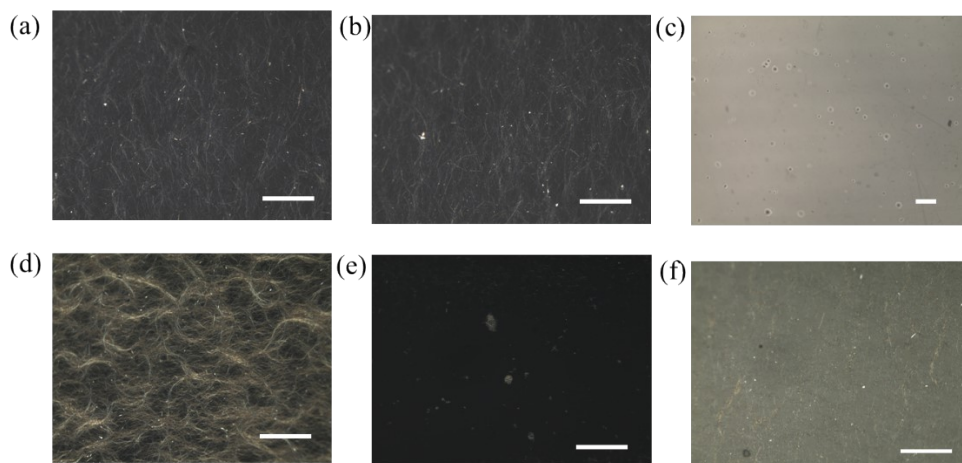


Fig. S3 Optical microscope images of (a) AgNW/WA/PDMS before 10 cycles tape adhesion test, (b) AgNW/WA/PDMS after 10 cycles tape adhesion test, (c) 3M tape after 10 cycles adhesion test of AgNW/WA/PDMS, (d) direct-coating prepared AgNW/PDMS before adhesion test, (e) direct-coating prepared AgNW/PDMS after 1 cycle tape adhesion test, (f) 3M tape after 1 cycle adhesion test of direct-coating prepared AgNW/PDMS. The bar in (a-b, d-f) and (c) are 50 μm and 100 μm respectively.