Supporting information

Mechanically Robust Silver Nanowire–Polydimethylsiloxane Electrode Based on

Facile Transfer Printing Techniques for Wearable Displays

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Fig. S1 SEM images of (a) spraying AgNW on an untreated PDMS substrate and (b)–(d) spraying AgNW on a plasma-treated PDMS substrate from 5 to 30 s. The inset pictures (e)–(f) show the different contact angles before and after plasma treatment.



Fig. S2 Tapping mode AFM images with height line profiles of the (a) AgNW-PDMS electrode, (b) PEDOT:PSS-AgNW-PDMS electrode. (5 μ m × 5 μ m)

Structure	Sheet resistance (Ω)	Transmittance (%)	References
AgNW-PVA film	69	87	24
AgNW-PET film	33	85	25
AgNW-PDMS film	35	80	34
AgNW-PDMS film	19	80	35
AgNW-PET film	20	83	36
AgNW-PDMS film	20	83	39
AgNW-PDMS film	9	82	Ours

Table S1. Comparison of the sheet resistance and the optical transmittance between the reported transparent AgNW films and the AgNW-PDMS composite films.