

1 **Supplementary Material: Template-Stripped Carbon Nanofiber/Poly(Styrene-**  
2 **Butadiene-Styrene) (CNF/SBS) Compound for High-Sensitively Pressure and**  
3 **Strain Sensing**

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16 **Supplementary Table 1. EDS results for Ag/CNF/SBS hybrid films.**

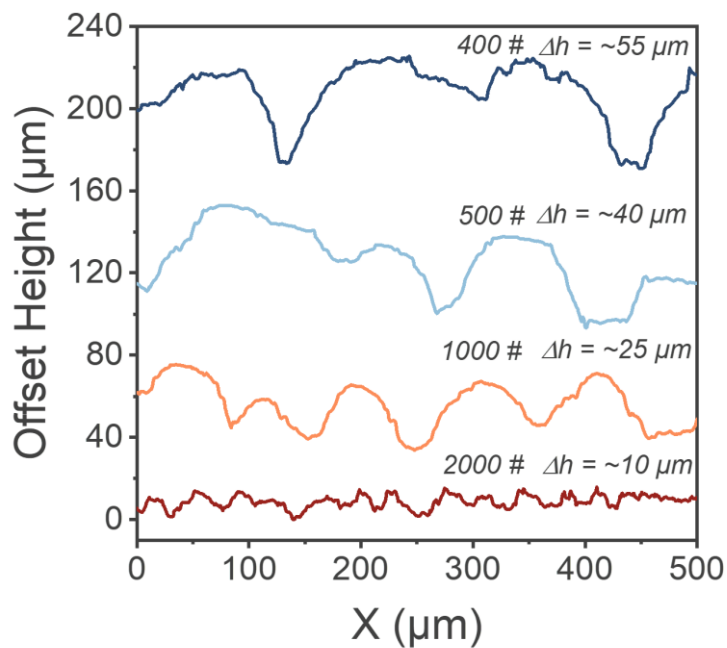
Elements	Wt%
C	68.2
Ag	28.4
F	3.4
O	0

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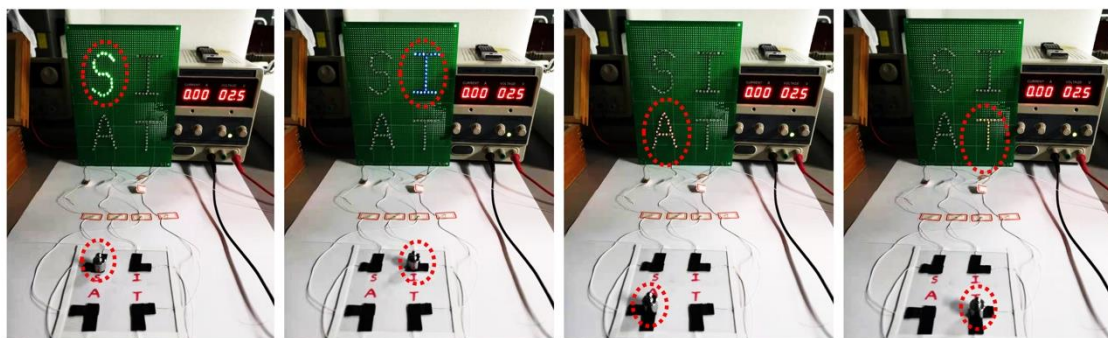
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19 **Supplementary Figure 1.** Roughness profiles of the microstructures of CNF/SBS  
 20 films prepared with 400#, 500#, 1000# and 2000# sandpaper as templates, respectively.  
 21  $\Delta h$  stands for the average height of the microstructures of different samples.



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23 **Supplementary Figure 2.** Demonstration of LED lighting control.

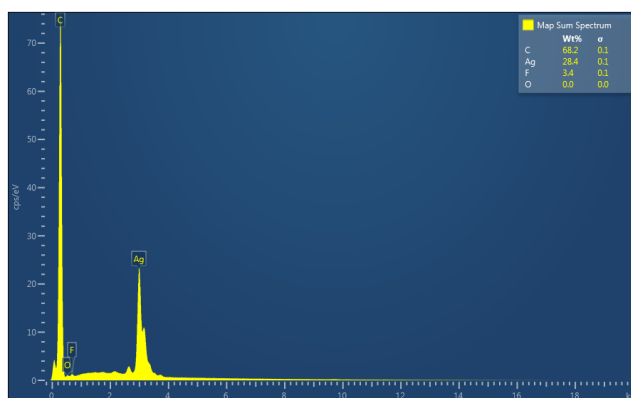
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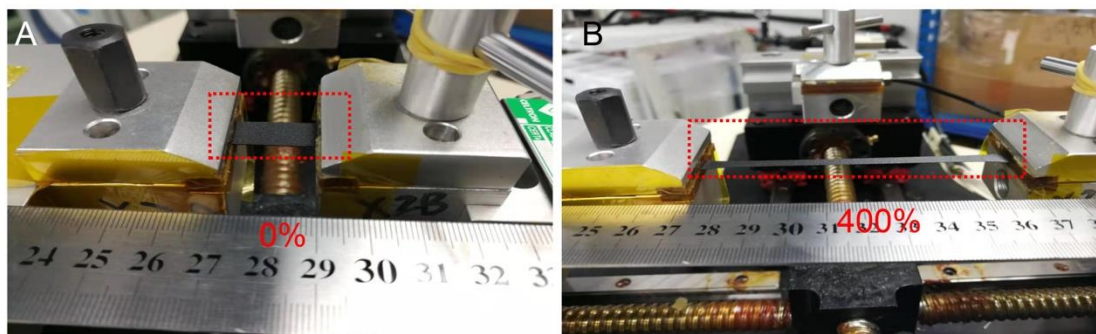
26 **Supplementary Figure 3. A** Demonstration of a  $6 \times 6$  touch-pressure sensor array. **B**  
 27 Photograph of the  $6 \times 6$  sensor array under loading. **C** Current change ( $\Delta I/I_0$ ) of the  
 28 array under pressure stimuli.

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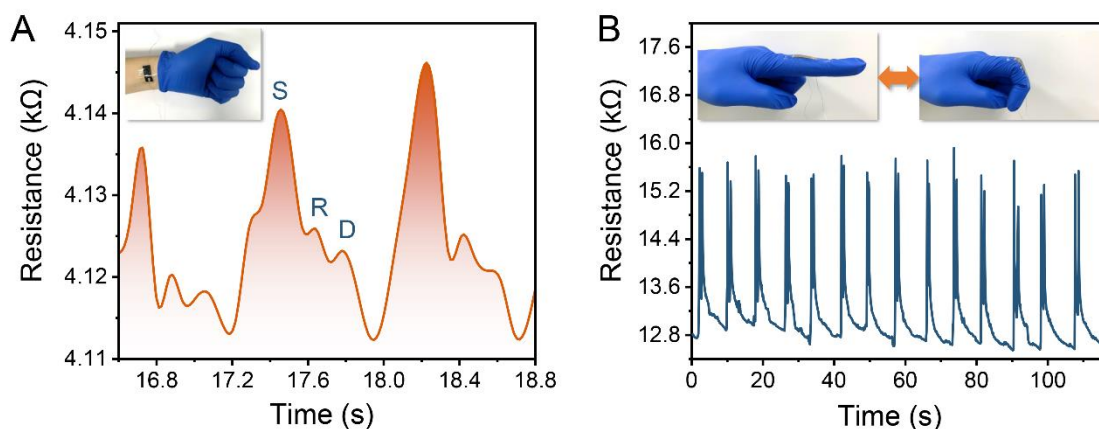
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**Supplementary Figure 4.** EDS spectrum for Ag/CNF/SBS hybrid films.



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**Supplementary Figure 5.** Photographs of a single sensor **A.** with 0% and **B.** 400% (bottom) stretching during the stretching test.



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40 **Supplementary Figure 6. A** Real-time transient pulse signal measured with a  
41 Ag/ANF/SBS-based strain sensor. **B** Measurements of the Finger bending with  
42 Ag/ANF/SBS-based strain sensor.