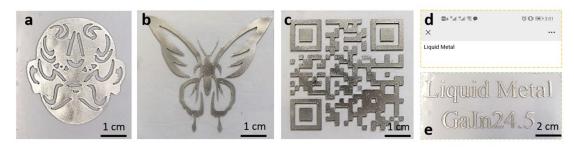
1	Industrial-friendly rapid printing of stretchable liquid metal
2	circuit for patch-mode wearable healthcare device
3	
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5	
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1 Figure S1



- 2
- Figure S1. SALP-prepared patterns of (a) opera facial makeup, (b) 3
- butterfly and (c) two-dimensional code. (d) Recognition result of 2D code 4
- in Figure S1c. (e) Numbers and letters patterns by SALP. 5
- 6
- 7 Figure S2

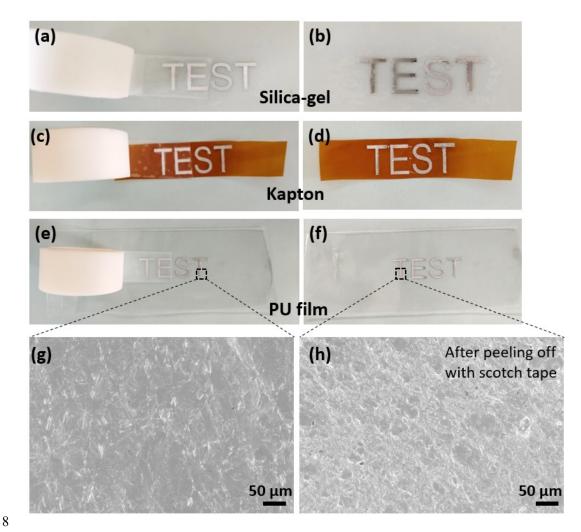
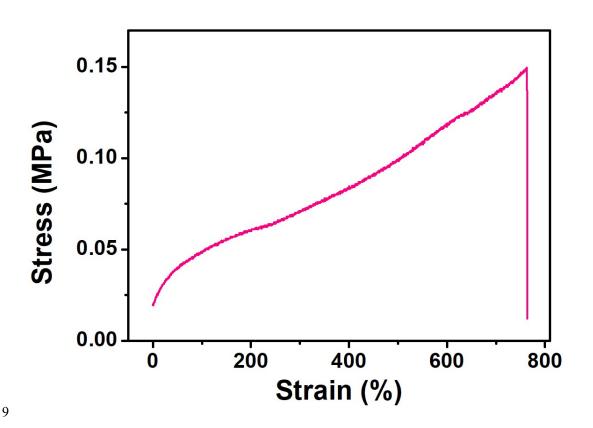


Figure S2. The optical images of liquid metal pattern printed by SALP
before and after peeling off with scotch tape, on (a-b) silica-gel substrate,
(e-f) Kapton substrate and (e-f) PU substrate, respectively. (g-h) The SEM
images of the surface of liquid metal pattern on PU substrate before and
after peeling off with scotch tape, respectively.

6

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7 Figure S3
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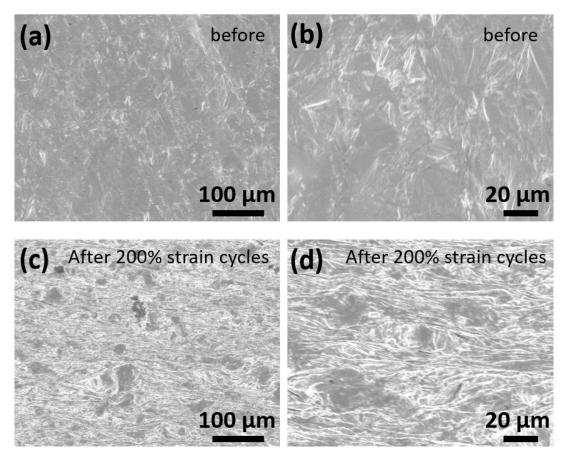




10 Figure S3. Stress-strain relationship of PU film.

11

12 Figure S4



1

2 Figure S4. The SEM images of the liquid metal electrode (a-b) before and (c-d) after
3 stretching by 200% strain cycles, respectively.

4

5 Table S1

- 6 Table S1. Reference parameters of linear function relationship between
- 7 shadow mask size and the actual size under various prestretching
- s conditions (y=kx+b, y is actual size (μ m) and x is mask size (mm)).

Strain	k	b
100%	507.23	46.29
200%	365.22	52.31
300%	284.33	42.42
400%	222.10	29.64
500%	207.43	21.79
600%	187.51	13.42