Hot-pressed super-elastic graphene aerogel with bidirectional thermal conduction properties as thermal interface materials

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Figure S1 Real-time photos of the compression-recovery process of rGOA.

Figure s1.tif

Figure S2 SEGAs prepared with GO concentration of (a) 2 mg mL-1, (b) 4 mg mL-1, (c) 6 mg mL-1, (d) 8 mg mL-1; (e) Plot of the density of SEGAs versus the GO concentration; (f) Compressive stress of SEGA with density of 7.2 mg cm-2 at strain of 99% for 100 compress/release cycles.

figure s3.tif

Figure S3 Cross-sectional SEM images of GFs prepared from GO films.

figure s4.tif

Figure S4 SEM images of surface change of commercial GF after bending test.