Supporting Information

Large-area, Conductive and Flexible Reduced Graphene Oxide (RGO) Membrane Fabricated by Electrophoretic Deposition (EPD)

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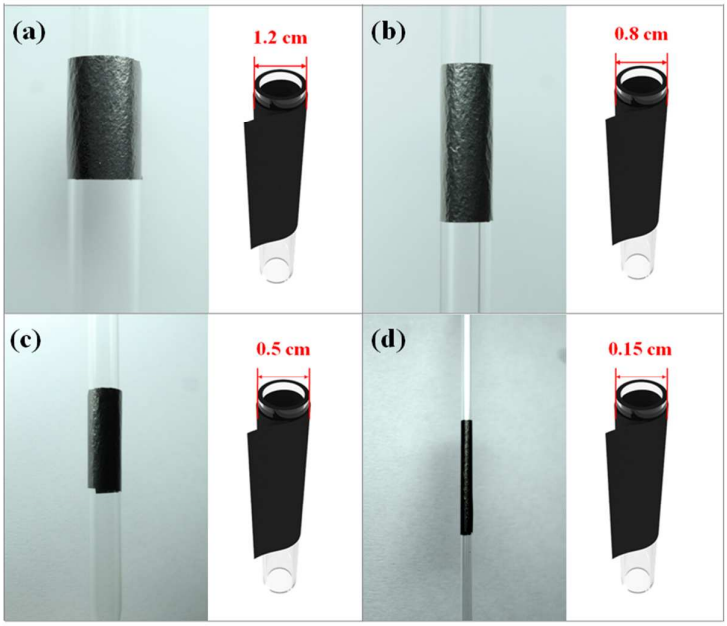

Figure S1. RGO membrane rolled onto glass tubes with diameter of 1.2 cm (a), 0.8 cm (b), 0.5 cm (c), and 0.15 cm (d).

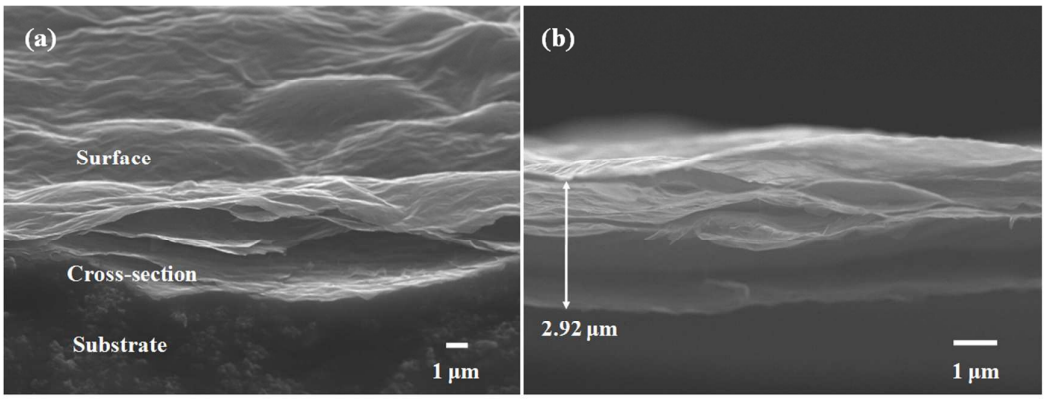

Figure S2. RGO membrane annealing at 600 ℃ heated without being packed by quartz plate.

(a) Interlayer distance of RGO membrane expands after annealing. (b) Thickness of RGO membrane increases to 2.92 μm after annealing.

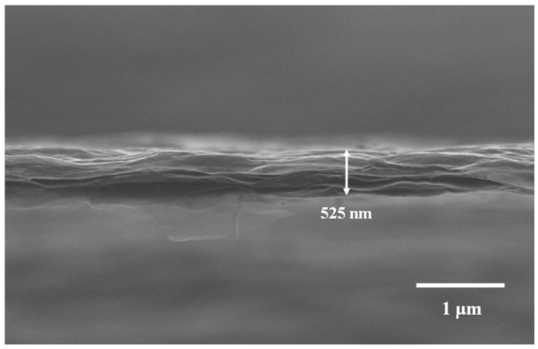

Figure S3. SEM image of RGO membrane detached by chemical etching method.

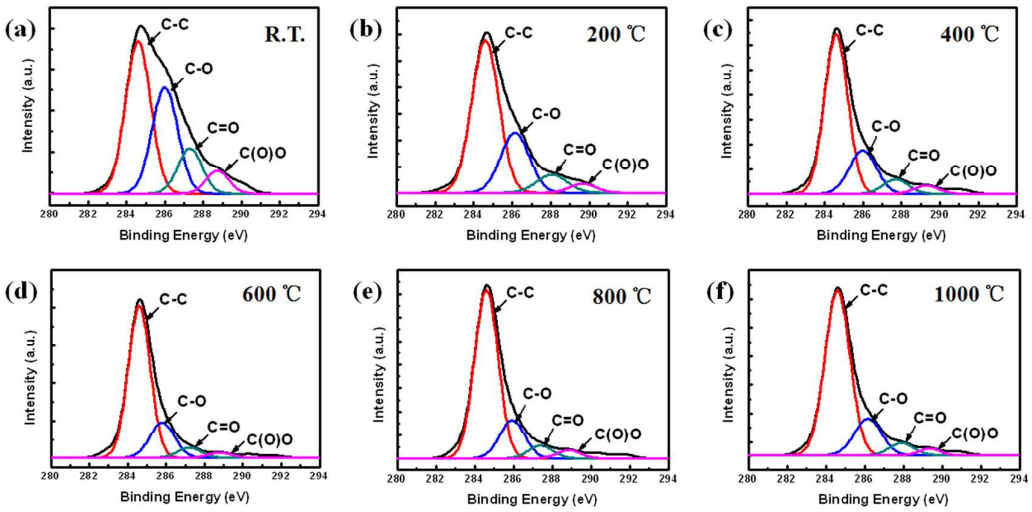

Figure S4. C1s spectra of RGO membrane with annealing temperature at (a) R.T.; (b) 200 ℃; (c) 400 ℃; (d) 600 ℃; (e) 800 ℃; and (f) 1000 ℃.

Sample name	C	O
RGO-R.T	72.212	27.788
RGO-200	78.604	21.396
RGO-400	82.668	17.332
RGO-600	84.106	15.894
RGO-800	88.227	11.773
RGO-1000	94.338	5.662

Table S1. C and O atomic composition list of RGO membranes with different annealing temperature.