

Supporting information for article:

Vapor-based synthesis of ultrathin hydrogel coatings for thermo-responsive nanovalves

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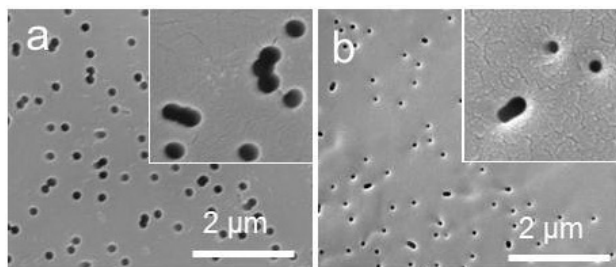


Fig.S1 SEM images of the a) pristine polycarbonate membrane and b) hydrogel-coated membrane (M_2) viewed at the top surfaces. Inset: enlarged view of some interconnected pores.

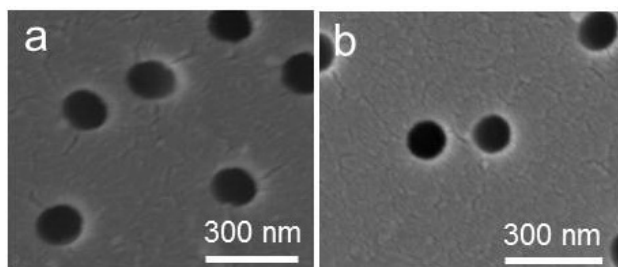


Fig. S2 SEM images of the bottom surfaces of a) M_1 and b) M_2 .

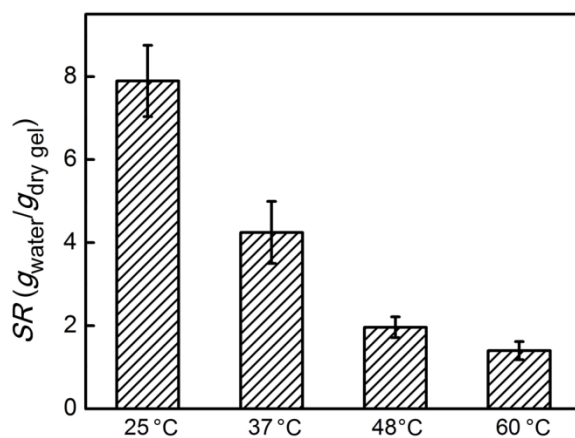


Fig. S3 Swelling ratio of the P(DMAEMA-*co*-EGDA) coatings with $r = 0.60$ in the PBS solution .