Supplementary information for

**Electrospun porous poly(tetrafluoroethylene-co-hexafluoropropylene-co-vinylidene fluoride) membranes for membrane distillation**

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1. **Atomic force microscope images of the membrane surfaces**

The roughness of membrane surface was quantificated by atomic force microscope (AFM) image (NanoScope IIIa, Digital Instruments, USA). All the membrane samples were measured by using a same tip with tapping mode. Ra: average surface roughness; Rq: the root mean square surface roughness.

![AFM images](image)

Figure S1. AFM images of the surfaces of (A) PVDF membrane; (B) M7 (10wt% THV); (C) M6 (15wt% THV); (D) M8 (20wt% THV)
2. SEM images of the cross sections

Figure S2. SEM images of cross sections of (A) THV membrane (M6); (B) PVDF membrane