Supplementary Material

Amphiphilic Polymer Conetwork Gel Films Based on tetra-poly(ethylene glycol) and tetra-poly(ε-caprolactone)

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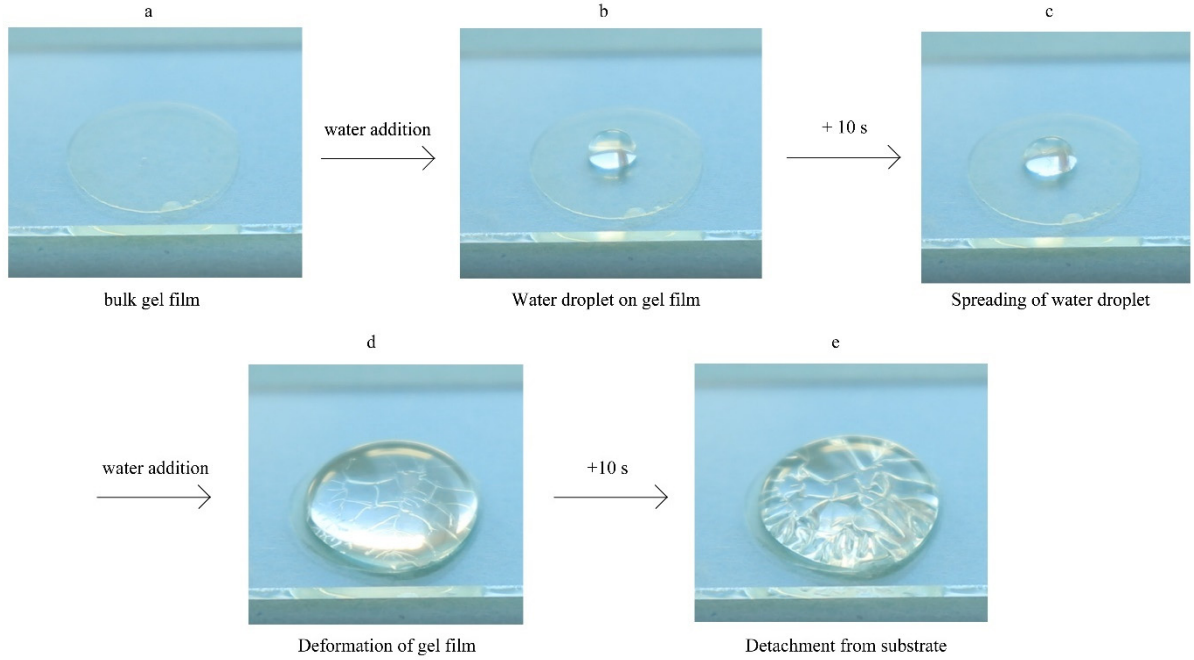

Figure S1: Swelling behavior of gel film in water. a) Dried bulk gel film, b) Pipetting of water droplet onto gel film, c) After a few seconds the water droplet noticeably penetrates the network, the water droplet spreads/contact angle decreases. d) The swelling and deformation of the gel film is better visualized through the addition of additional water. e) The gel film fully deforms and detaches from the glass substrate

Video S1: Swelling behavior of bulk gel film in water

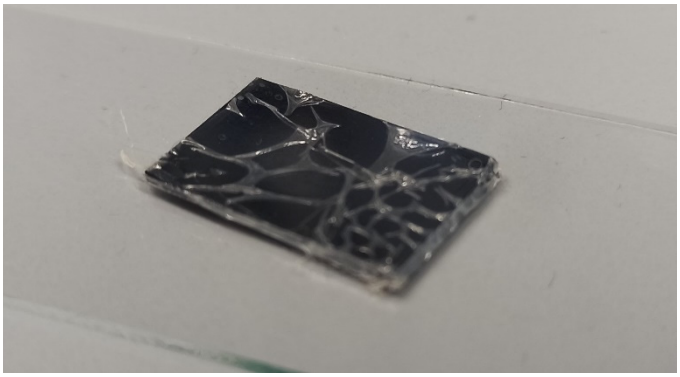

Figure S2: Deformation of ACN thin gel film (thickness ~ μm) and detachment from silicon substrate after the addition of water.