

Supplementary Data

Figure S1. Pore morphology in hydrated silk photo-lyogels. Pore morphology of photo-lyogels with no microchannels (NC), parallel microchannels (PC) and interconnected microchannels (IC) imaged in their hydrated (in PBS) form using confocal microscopy following TRITC staining. GIFs showing pore morphology through the z-stack.

[NC](#)

[PC](#)

[IC](#)

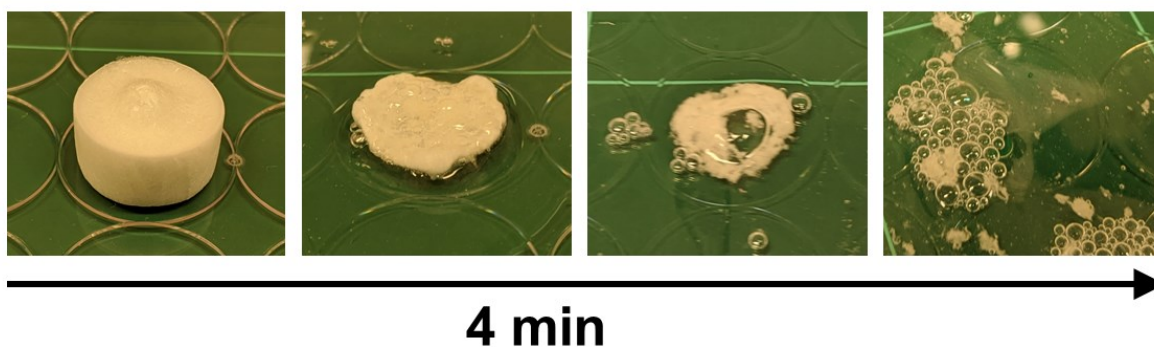


Figure S2. Lyophilized silk stability in PBS in the absence of cross-linking. Silk solution was lyophilized and placed in PBS at room temperature over a 4 min period in the absence of agitation. Lyophilized silk dissolved completely in PBS over this period, showing that lyophilization does not contribute to silk cross-linking and β -sheet formation.