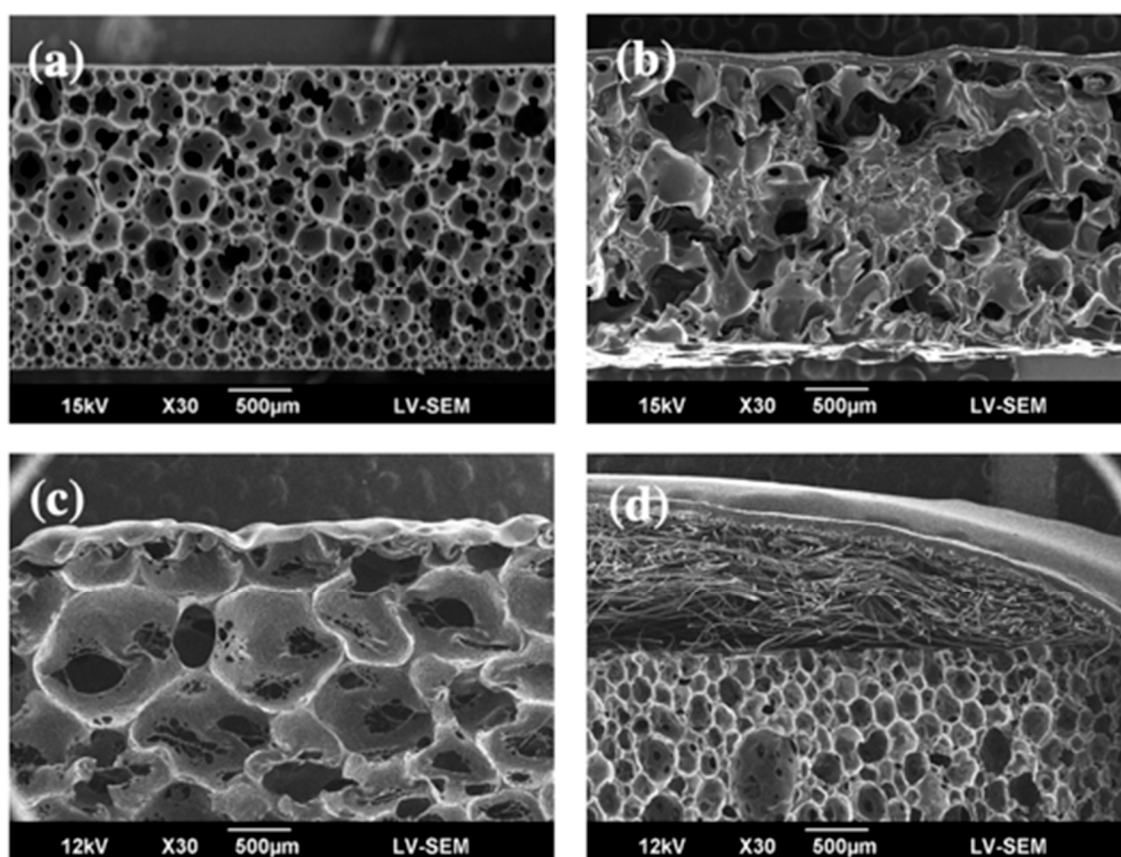




**Figure S1.** Self-foaming reaction (a) and foam dressing preparation (b, c, d).



**Figure S2.** Cross-sectional scanning electron microscopy (SEM) images of PUESi (a) and the commercial PU foam dressings PolyMem (b), Mepilex (c) and ConveTec (d).