Electronic supporting informations:

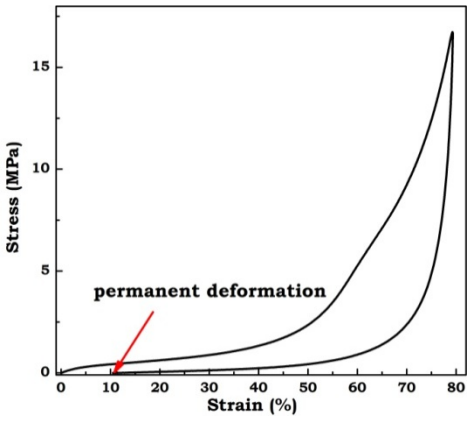

Fig. S1 The compressive stress-strain curves of the ReG foam along in plain direction with strain up to 80%.

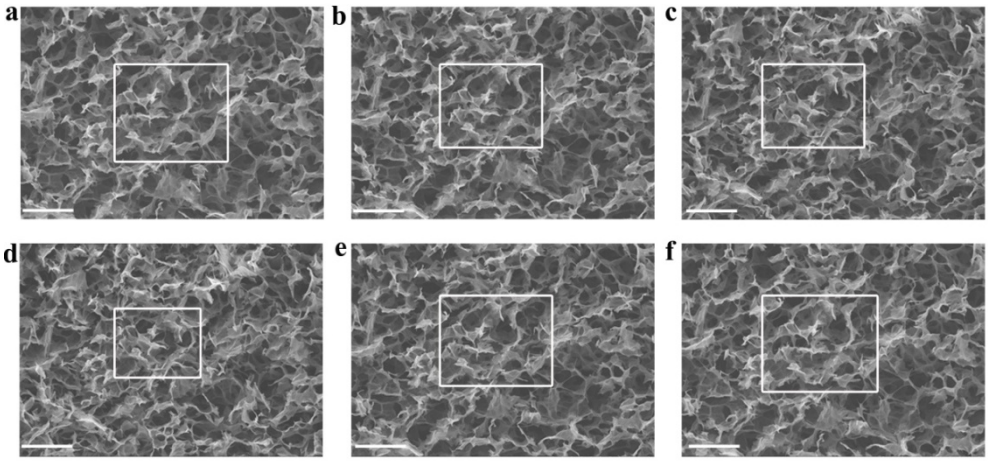

Fig. S2 In-situ SEM images showing the deformation process of the foam at different strain levels: (a) zero strain, (b) 30%, (c) 50%, and (d) 60%, (e) back to 30%, and (f) back to zero strain. The scale bar of the images is 50 μm. Rectangles were drawn to guide the eye.