

Supplementary Materials

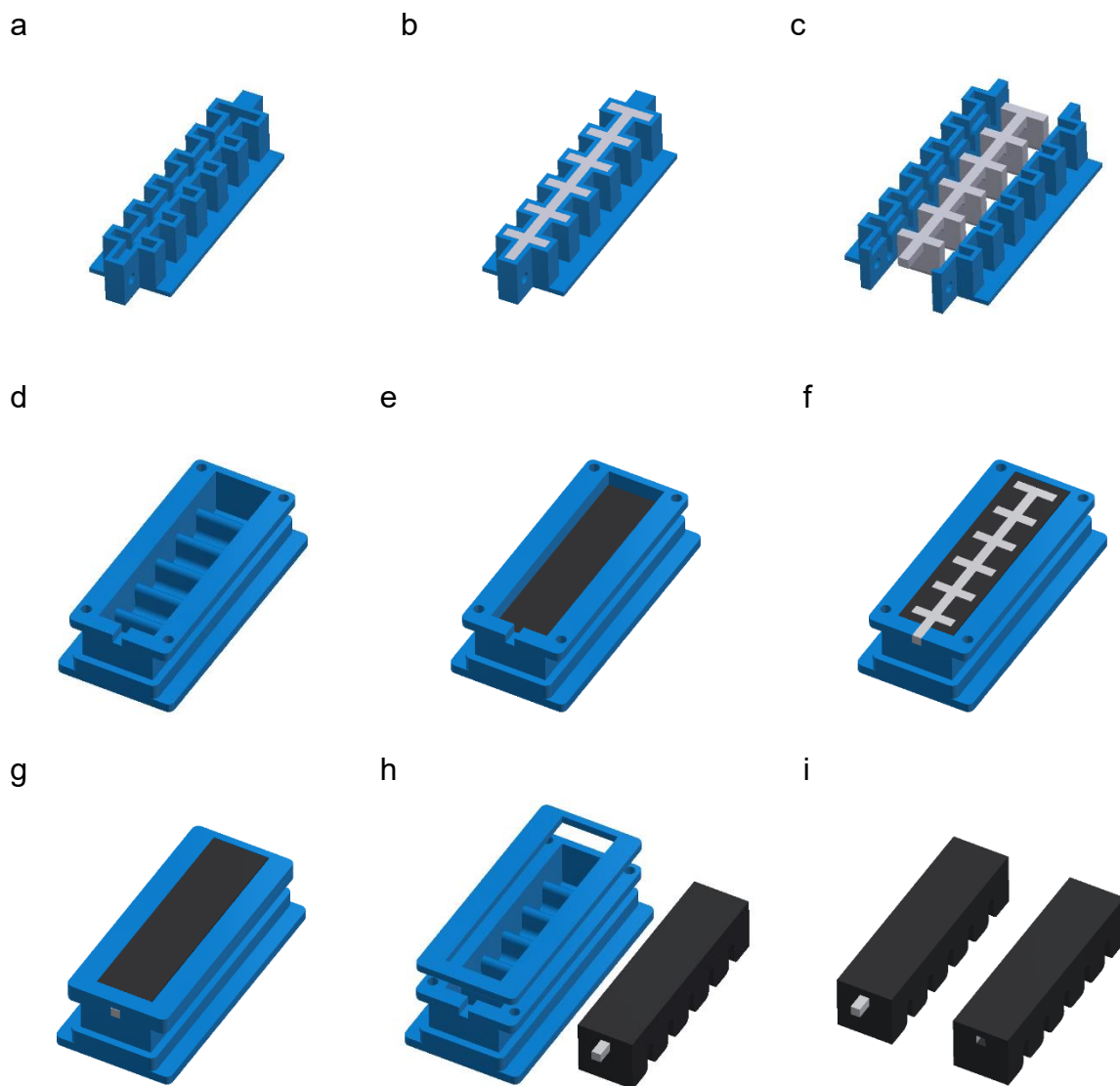


Figure S1. Process of integrated soft finger fabrication **(a)** The wax core mould. **(b)** Pouring the melted liquid wax into the mould, cooling and consolidating. **(c)** Unmoulding the wax core. **(d)** Assembly of the cavity mould. **(e)** Pouring prepared composite to the cavity mould. **(f)** Placing the wax core into the mould. **(g)** Adding the top mould on. **(h)** After curing at 45°C for 1 hour, unmoulding the integrated finger and trimming the edge. **(i)** Removing the wax core.

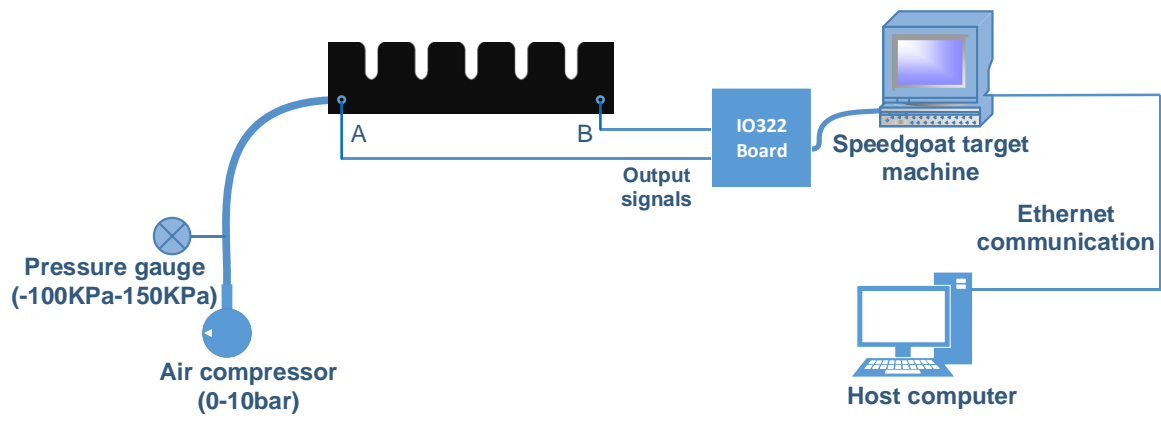


Figure S2: Experimental setting-up for the deformation tests of an integrated finger