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Supplementary Material

Extra-Soft Tactile Sensor for Sensitive Force/Displacement Measurement with High Linearity Based on a Uniform Strength Beam

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Elasticity modulus test for silicone rubber (gjb001, DaoGuan, China)

The silicone rubber sheet (gjb001, DaoGuan, China) was cut into the shape shown in Figure S1. Uniaxial tensile experiments were carried out by electronic universal testing machine (CMT6530，SANS，USA) for three specimens of the silicone rubber sheet (gjb001). The relationship between nominal strain and nominal stress is shown in the Figure S2. According the fitting curve, the elasticity modulus of the silicone rubber (gjb001) is 2.654MPa.

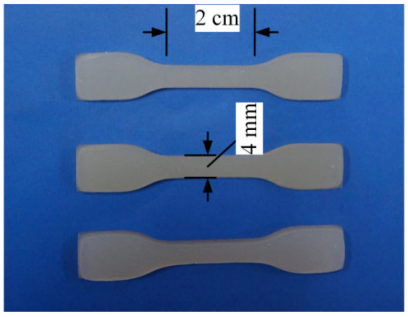


Figure S1. Specimens of silicone rubber (gjb001) for uniaxial tensile test.

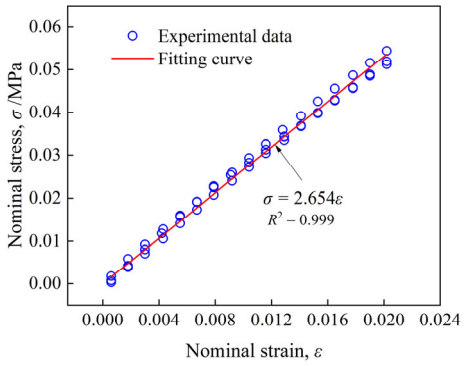


Figure S2. Nominal stress vs. strain curve of the silicone rubber sheet (gjb001).