Electronic Supplementary Material (ESI) for Biomaterials Science.

Fabrication and In Vitro Investigation of Hyperbranched Poly-Lysine-Grafted Warp Knitted Polypropylene Sling for Potential Treatment of Stress Urinary Incontinence

Supporting Information

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Table S1. The surface elemental composition of samples

Sample	C(%)	N(%)	O(%)	O/N(%)	C/N(%)
PP	82.02	0	17.98	/	/
PNE-PP	69.24	6.29	24.46	3.89	11.01
20HBPL-PNE-PP	70.06	11.13	18.81	1.69	6.29

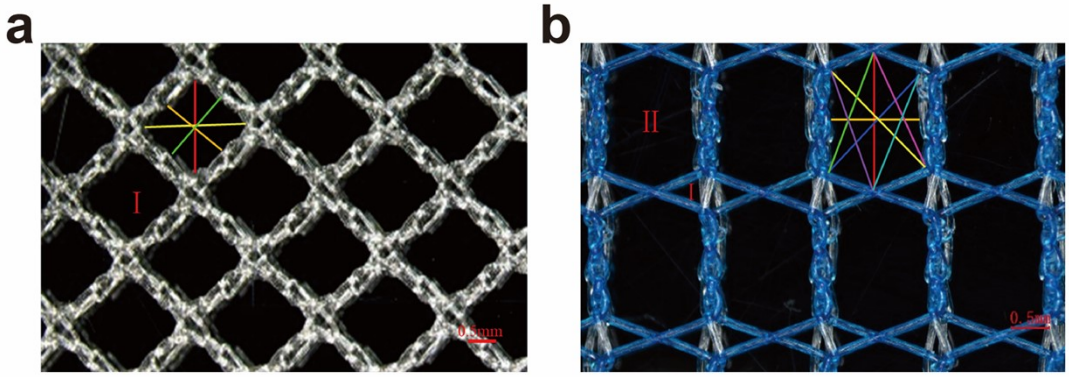

Fig. S1. Pore measurement of PI 38 (a) and PP (b).

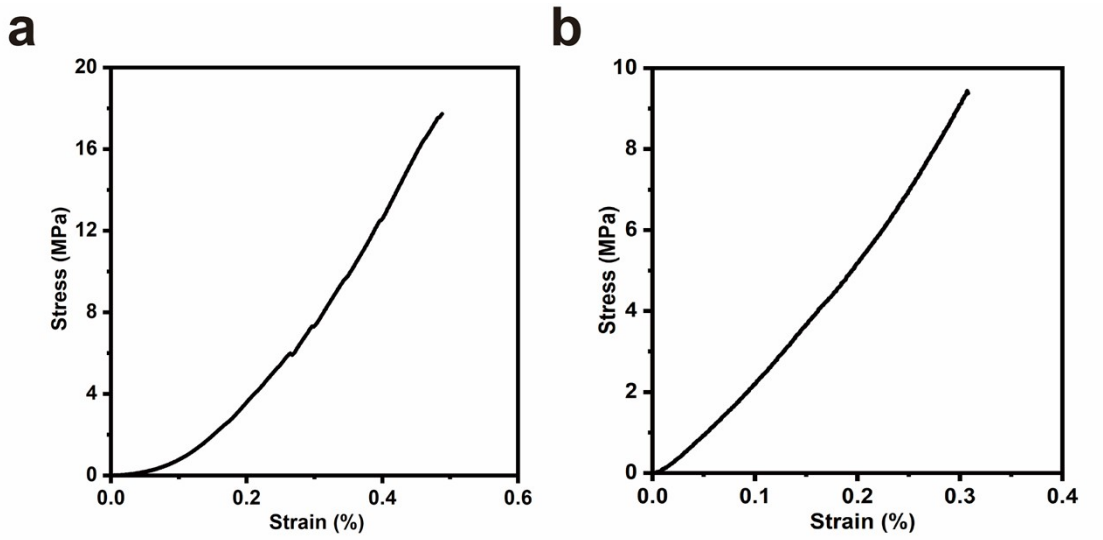

Fig. S2. Stress-strain curves of PI 38 (a) and PP (b)

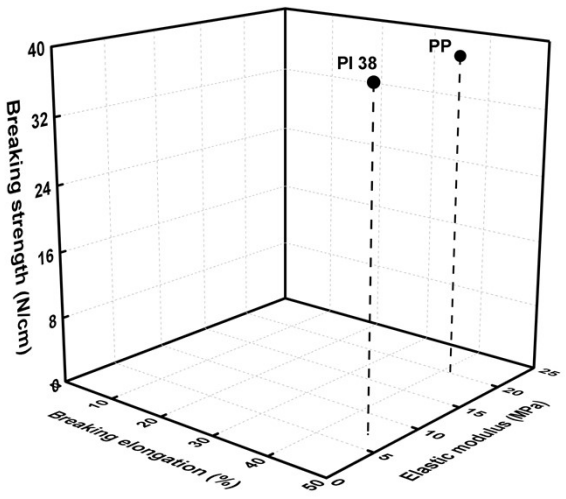

Fig. S3. Uniaxial tensile properties of slings.

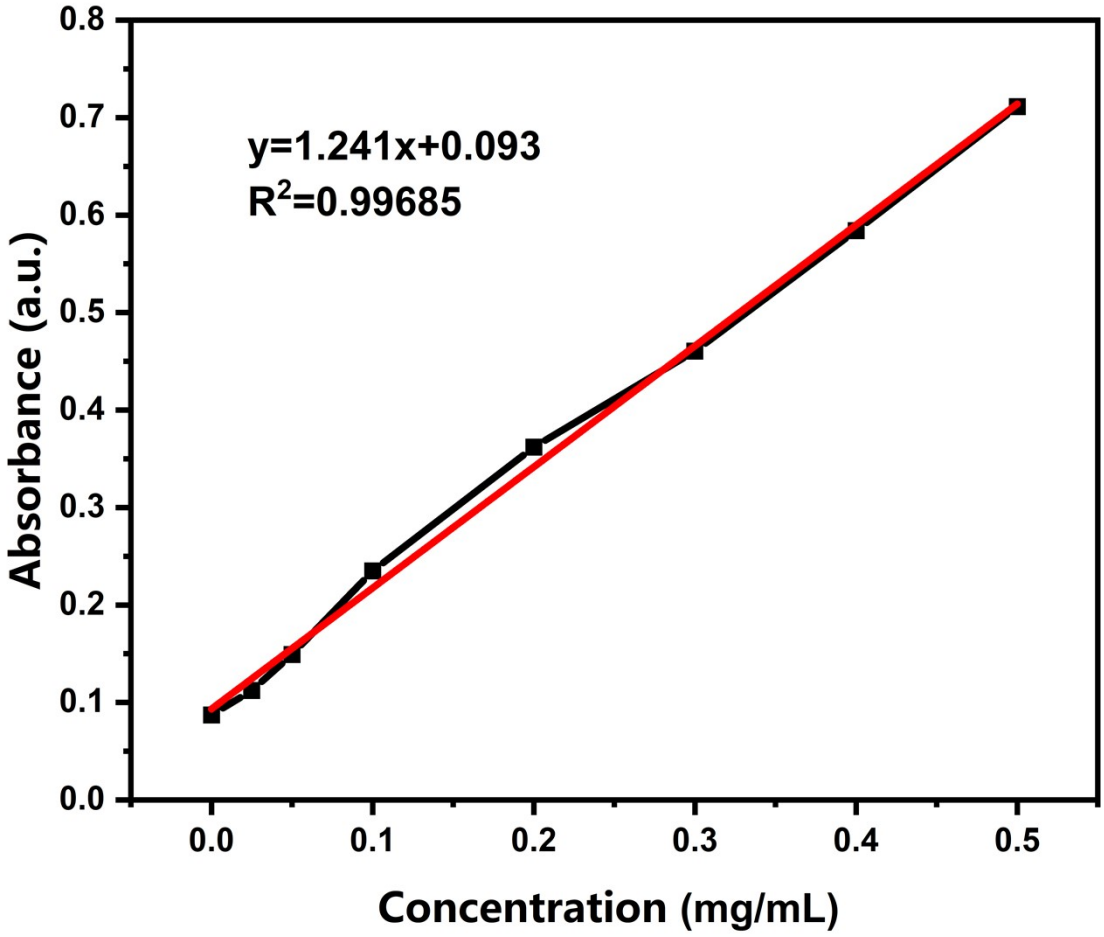

Fig. S4. Standard curve of BSA

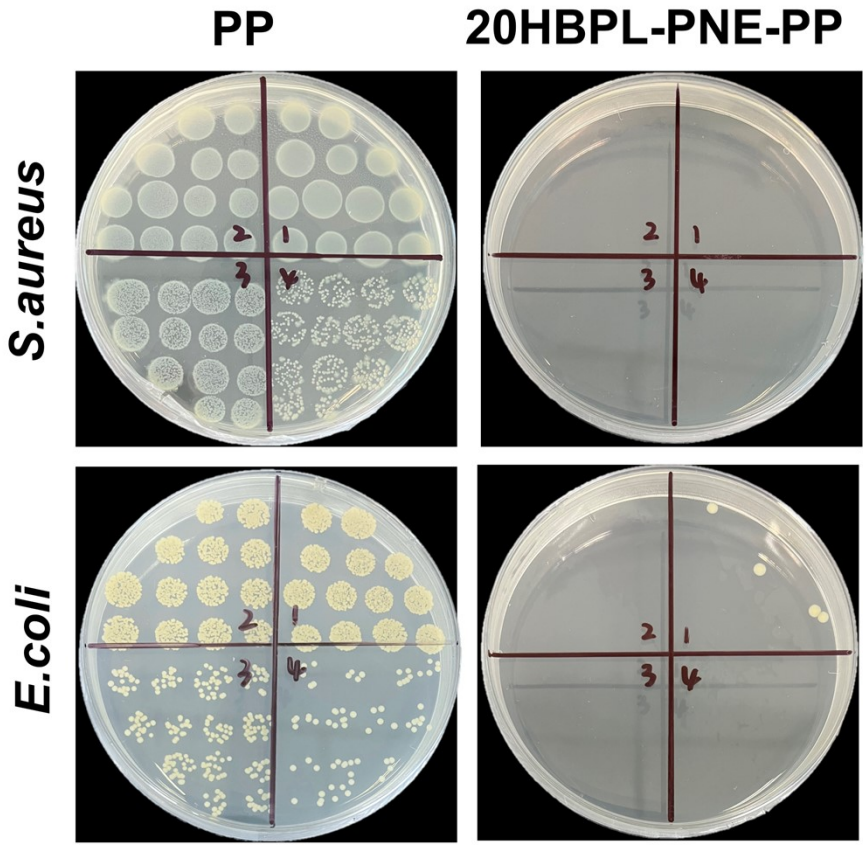

Fig. S5. Antibacterial properties of slings after fixed load stretching

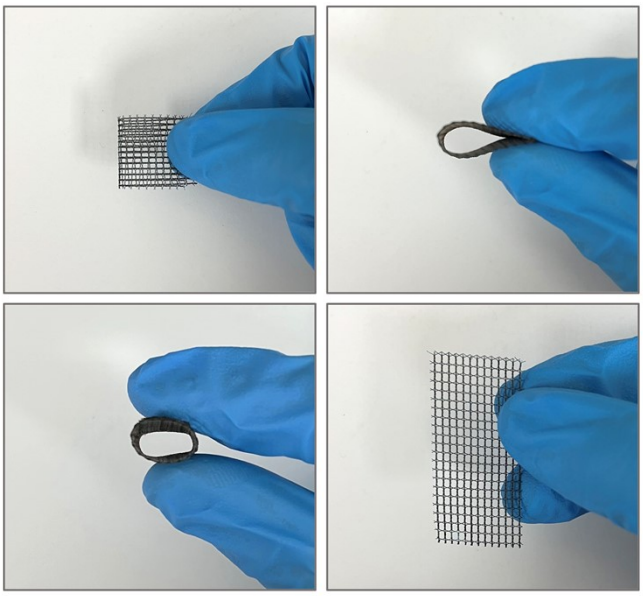

Fig. S6. Bending of the sling after coating.