

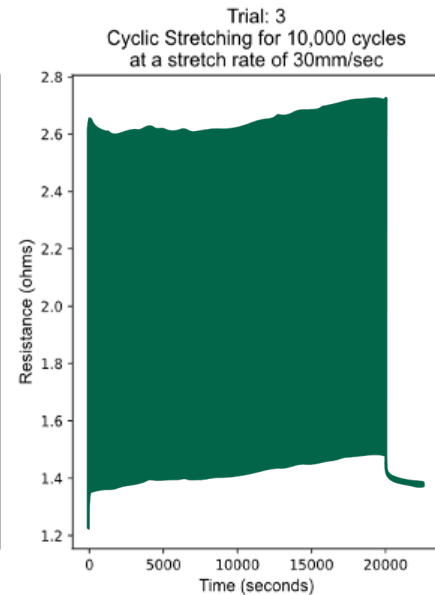
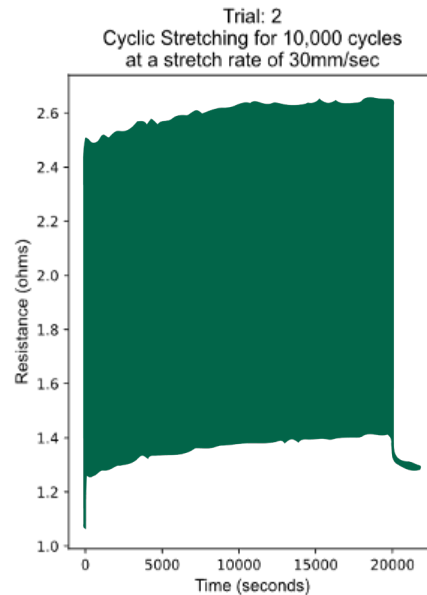
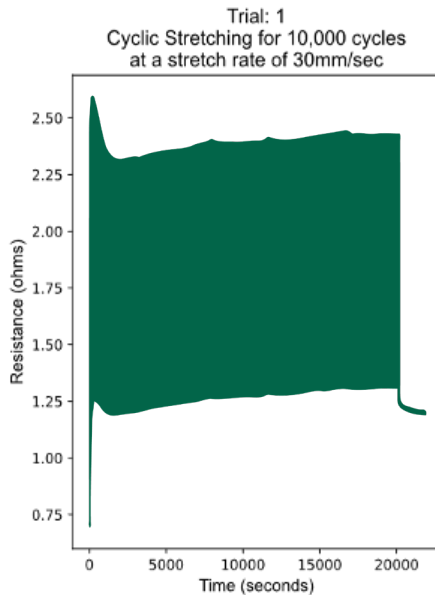
Liquid Wire and Binghamnton University (CAMM) Collaboration in Metal Gel Circuitry Study

To demonstrate and characterize stretchable conductors developed by Liquid Wire Inc., a DC test structure, shown below, undergoes cyclic strain testing. This involves linear stretching of a Metal Gel test structure to 100% elongation for 10,000 cycles. This cyclic strain testing trial is repeated three times on the same sample to test its reliability and robustness.



Experimental Results Indicate:

1. Near fatigue free behavior for 30,000 cycles
2. Linear resistance characteristics during elongation
3. Minimal hysteresis



Liquid Wire™

