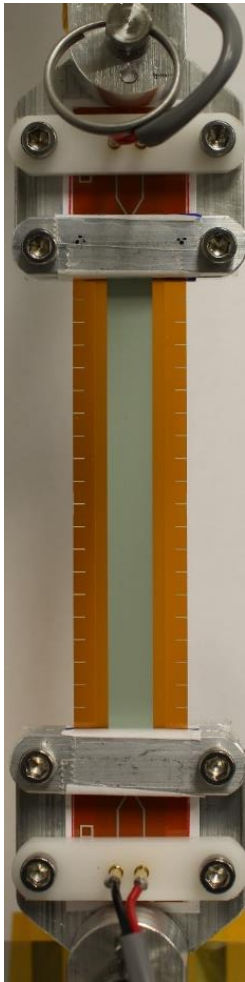


Mechanical and Electrical Testing and Characterization

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- Stretch, bend, twist, and other mechanical tests – stretch, bend radius, and twist angle limits; in-situ resistance measurement
- Monotonic and fatigue tests
- Substrate and printed ink characterization – resistance change, cracking, thermo-mechanical properties and constitutive behavior
- High-frequency measurements and characterization with electrical group
- Interfacial fracture and adhesion characteristics
- Property-aided process enhancement
- Physics-based numerical models and analytical equations
- Computational reliability prediction
- Environmental tests and models
- Digital image correlation
- Compliant interconnects
- Customized tests and evaluation for wearables, sensors, antennas, batteries, and associated computational models

