



PRODUCT LIST

A large, abstract graphic composed of many thin, parallel blue lines that fan out from a single point at the bottom left, curving upwards and to the right, creating a sense of motion and depth. This graphic occupies the lower half of the page.

**Highly Dispersed Inks,
Coatings, and Adhesives**

*Manufacturing materials for
tomorrow's technology.*

Our Markets



Aerospace



Thermal
Management






Wearables






Flexible Hybrid
Electronics




Aerospace

AS1001	ESD Coating	ESD coating ideally suited for aerospace applications requiring exceptional durability and heat resistance. AS1101 Data Sheet	
AS3201	Thermal Barrier Coating	Thermal barrier coating designed for aerospace applications that require exceptional durability under harsh conditions. AS3201 Data Sheet	 






Printed Electronics

TS1331	Stretchable Conductive Adhesive	<p>Silver filled, solvent free, one component conductive adhesive that remains stretchable following thermal cure. Designed for bonding to flexible substrates and accommodates interface stresses and strains during bending.</p> <p>TS1331 Data Sheet</p>	
TS1334	Stretchable Conductive Adhesive	<p>Silver filled, one component epoxy that can be deposited using stencil, syringe, or jet dispensing. Designed for bonding components to compliant substrates and remains stretchable (up to 40% stretch) following thermal cure.</p> <p>TS1334 Data Sheet</p>	
TU5236	Non-Conductive Stretchable Adhesive	<p>Stretchable non-conductive epoxy used to bond components in flexible and stretchable systems and to manage thermal expansion mismatches in rigid packaging solutions.</p> <p>TU5236 Data Sheet</p>	





Printed Electronics (Continued)

TE5237	Stretchable Glob Top Encapsulant	<p>Epoxy based glob top encapsulant that remains stretchable following thermal cure. Compliant for devices on flexible substrates.</p> <p>TE5237 Data Sheet</p>	
FS0117	Alchemy Series Semi-Sintering Conductive Ink	<p>Highly conductive semi-sintering or hybrid type formulation that offers the ease of use and processing of PTF inks and coatings, but with the superior electrical performance of sintered nano inks.</p> <p>FS0117 Data Sheet</p>	
FS0142	Alchemy Series Semi-Sintering Conductive Ink	<p>Highly conductive semi-sintering or hybrid type formulation that offers the ease of use and processing of PTF inks and coatings, but with the superior electrical performance of sintered nano inks.</p> <p>FS0142 Data Sheet</p>	

Printed Electronics (Continued)

FC3203	Flexible Carbon Conductor	Carbon filled flexible conductive trace ink for use on PET, polyimides, and other bendable substrates. High conductivity for a 100% carbon conductor with rheology tailored toward low slump and fine feature resolution via screen printing. Excellent adhesion and flex ductility. FC3203 Data Sheet	
SS1109	Stretchable Printed Silver Conductor	Silver filled conductor for printed interconnects for devices on elastomeric substrates. After drying, the ink has excellent conductivity and offers excellent elongation and flexibility. Formulated for superior adhesion to thermoplastic urethanes (TPU). SS1109 Data Sheet	 
SC1502	Stretchable Printed Carbon Conductor	Carbon filled conductor for printed circuitry and devices on elastomeric substrates, such as TPU. Good conductivity and offers excellent elongation and flexibility. SC1502 Data Sheet	 

Printed Electronics (Continued)

SI3104	Stretchable Printed Insulator	<p>Screen printable, thermally cured ink that is stretchable when cured and compatible with ACI's stretchable inks. Can be used as an insulator and/or crossover dielectric.</p> <p>SI3104 Data Sheet</p>	 
SH5025	Printed Fixed Resistance Heater Ink	<p>Stretchable resistive trace designed for heating applications integrated onto elastomeric substrates. When cured, the ink has a prescribed resistance value and offers excellent flexibility and stretchability.</p> <p>SH5025 Data Sheet</p>	 



Contact ACI Materials

805-845-3014

sales@acimaterials.com

Visit our website: www.acimaterials.com