



Engineered Materials Systems Inc.
 100 Innovation Court
 Delaware, OH 43015-8699
 740-362-4444
 Fax: 740-362-4433
 Web site: www.emsadhesives.com

FOR IMMEDIATE RELEASE

Contact

Len Allison, Printed Electronics

E-mail: lallison@emsadhesives.com

Engineered Material Systems Introduces Durable Printed Electronics with SMT

DELAWARE, OH — June 2019 — Engineered Material Systems, Inc. (EMS), a leading global supplier of conductive inks and interconnect materials for printed electronics, is pleased to introduce a revolutionary improvement in durability for printed electronics. EMS inks and adhesives have been designed for compatibility in chemistry and mechanical stress. The unique stack-up design channels paste placement for fillet strength and higher yield with smaller devices.



If you use copper circuitry because you were uncertain of the durability of fully additive printed electronics, this solution is for you. Contact EMS for a printed sample.

Features	Advantages	Benefits
Chemically compatible	Fully additive, fully compatible	No mix-n-match guess work
Mechanical stress compatible	Withstands severe SMT mandrel and crease cycles	Durable in assembly and field service
Moisture resistant	No silver migration in 85%RH/85°C 5VDC aging >500 hours	Circuitry withstands humid climates
Fine needle or jet dispensing	Precise placement of conductive adhesive, staking compound and encapsulant.	Fast and precise SMT attachment of smaller and less expensive SMD

For more information about EMS' electronics solutions or to learn how the company can define, develop and create an engineered material solution that is right for your company, visit www.emsadhesives.com.

About Engineered Material Systems (a Nagase Group Company)

Engineered Materials Systems, Inc. (EMS) technology focus is on electronic materials for printed electronics, semiconductor, circuit assembly, photovoltaic, printer head, camera module, disk drive and photonics assembly product lines. For more information, visit www.emsadhesives.com.