



## LAIRD AND DUPONT

**NOW PART OF DUPONT, LAIRD PERFORMANCE MATERIALS IS AN INNOVATIVE AND WIDELY-RECOGNIZED GLOBAL BUSINESS. WE OFFER PRODUCTS ENABLING SIGNAL INTEGRITY AND POWER TRANSMISSION IN ADVANCED INTERCONNECTS.**

**Components and systems are growing smaller. More powerful. They're saddled with ever-greater design density. Those designs require enablement and protection solutions to combat stray electromagnetic interference (EMI). Another piece of the puzzle is effectively transferring rising heat loads away from sensitive components. Through global facilities, we design and manufacture EMI suppression and thermal management materials, structural and precision metals and multi-functional products. Our materials science experts create improved protection for electronics of every description. The goal: Partner with customers to achieve higher performance, more reliability, innovative structural designs and faster time-to-market.**

## OUR COMPETITIVE EDGE:

### COMPLETE SATISFACTION OF OUR CUSTOMERS

They recognize Laird Performance Materials for the consistent imagination and innovation we offer

They trust us for reliable fulfillment, enabling them to deliver on plan and on budget with high quality

They grow accustomed to our speed, giving them a distinct and powerful competitive advantage

They acknowledge and respect us for our focus on sustainability, contributing to the value we bring to them

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# Performance Materials That Protect Electronics

- ABSORBERS-GAP FILLERS
- ABSORBERS-CASTABLE AND DISPENSABLE
- ABSORBERS-RF/MICROWAVE ELASTOMER, FILM AND FOAM
- ABSORBERS-THERMOPLASTIC
- ABSORBERS-RUGGEDIZED
- ADHESIVES-THERMAL TAPE
- AUTOMOTIVE INDUCTORS
- BOARD LEVEL SHIELDS
- CHIP INDUCTORS-CERAMIC
- CHIP INDUCTORS-FERRITE
- COIL MODULES
- COMMON MODE CHOKES
- CONDUCTIVE ELASTOMERS
- CONDUCTIVE FABRICS
- CONDUCTIVE GASKETS
- CUSTOM GASKETS
- CUSTOM SHIELDING
- DIELECTRICS-LOW LOSS
- EMI GASKETS-SHIELDS
- FABRIC-OVER-FOAM
- FERRITE CABLE CORES
- FERRITE CHIP BEADS
- FERRITE DIFFERENTIAL ARRAYS
- FERRITE SHEETS
- FERRITE TORIODES
- FILMS AND FOAMS
- FINGERSTOCK GASKETS
- FORM-IN-PLACE
- GAP FILLERS
- GAP FILLERS-LIQUID
- INSULATORS
- METALS STAMPING
- MULTI-FUNCTIONAL; ISE
- MOLDED INDUCTORS
- PHASE CHANGE
- POWER INDUCTORS
- PRECISION METALS
- SMD METAL CONTACTS/SPRINGS
- STRUCTURAL METALS
- SURFACE MOUNT INDUCTORS
- THERMAL GREASE
- THERMAL MATERIALS-SPECIALTY TIMs
- THERMALLY CONDUCTIVE PCB
- THERMOPLASTICS
- VENT PANELS-MAXAIR™

# ABOUT LAIRD PERFORMANCE MATERIALS

Laird Performance Materials, which became part of DuPont Interconnect Solutions in 2021, enables signal integrity and power transmission in advanced interconnects. Laird™ products are trusted globally to help solve complex device and system design issues. Electromagnetic interference (EMI) and unwanted heat are complex challenges facing design engineers. Potential problems can be overlooked at the start of a project. When any EMI or heat issue affecting an electronic device goes undiscovered, costs can soar.

**LAIRD PERFORMANCE MATERIALS  
DELIVERS DESIGN ENGINEERING  
ANSWERS EARLY - THAT EFFECTIVELY  
KEEP EMI AND HEAT AT BAY.**

We excel from rapid prototype design through production, and finally through component integration into your manufacturing. Our products reflect the latest advances in the material sciences and include EMI shielding, world-leading multi-functional/combined offerings, thermal interface materials, precision and structural metals, RF/microwave absorbers, electrically conductive elastomers, dispensable products, magnetic ceramic components and dozens more. How do you benefit?



## EMI MATERIALS

Laird engineers continue developing a range of technologies which mitigate disruptive electromagnetic interference and thus reduce the negative effects of radiated energy. With today's electronic devices, expectations for flawless performance are greater than ever. Protecting them from stray EMI is essential. We have a global reputation for EMI material sciences leadership. Laird's popular Eccosorb™ absorbers eliminate unwanted noise across the full frequency range from few hundreds of Mghz to above 100 Ghz trough.



## CO-ENGINEERED SHIELDS

Laird Performance Materials' solutions are found in millions of automobiles, medical devices and instrumentation, data infrastructure systems, wearables, gaming or entertainment devices, drones, military equipment and other applications. We specialize in design, prototype testing and the delivery of thin gauge parts with precision features, as well as precision structural metals. Customers choose us as a compelling alternative. We have a global reputation for delivering tighter tolerances, shorter development cycles, lower costs of ownership, scale and unmatched speed.



## THERMAL MATERIALS

Laird Performance Materials' customers include both market leaders in technology system manufacturing and additional companies such as automotive OEMs, auto component makers and medical instrumentation makers. We serve the military as well. To improve thermal management, our engineers prototype the world's highest-rated thermally conductive materials. Laird rapidly becomes your trusted partner, adding value throughout your entire process.



## LAIRD ISE (Integrated Solutions Engineered)

Our industry-leading product combinations resolve multiple design issues simultaneously at a basic component up to system level. Laird ISE are structural metals/thermoplastics or EMI shielding or thermal transfer materials - and more - combined into high performance, single process solutions. Examples are board-level shields with absorbers or thermal materials or hybrid single layer solutions with multiple functions. Laird's unique multi-functional products help lower your total cost of ownership at a performance premium.



## INDUCTIVE COMPONENTS

Our high-performance power inductors are renowned worldwide for being low-profile, smaller, and lighter yet delivering unmatched reliability. Superior quality control (AECQ200 and TS16949 compliant) is interwoven in all manufacturing. Customers enjoy a one-stop solution for all magnetics and often can reduce board layout space by integrating technology into one multi-functional package. Improved reliability, power efficiency and easy assembly can enable lower total manufacturing costs and a shorter new product time to market.



## MODELING, SIMULATION AND RAPID PROTOTYPING

Laird Performance Materials produces better designs through iteration. Our expertise in custom designing as well as significant investments in computer-aided engineering enable design freedom and a virtual prototype capability. Our product design and tooling capabilities (PTC Creo, AutoCAD, Solidworks) and our high-precision, efficiency and progressive dies all support small-, medium- or large-size production volumes. Since we have only touched the surface, call or visit our website today!

