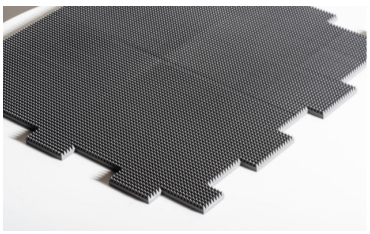
CHANNEL TALK

Laird™ A DuPont Business

DECEMBER 2023

REZORB™ S RESOLVES UNWANTED REFLECTIONS

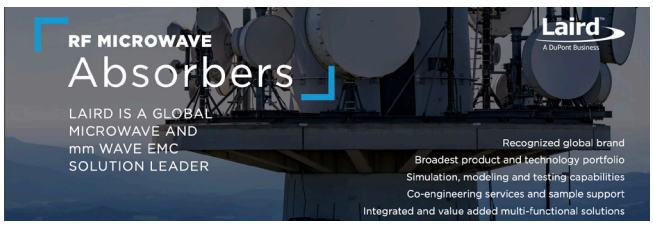


Designed for a higher 60 to 90 Ghz frequency range, the new Laird™ Rezorb™ S pure dielectric, silicone-based elastomeric absorber material becomes the smart choice for EMI mitigation with test boxes, measurement equipment, radars, and scanners. Within datacom/telecom, industrial, automotive, and military/aerospace applications, it eliminates unwanted signal reflections on structures. Such reflections can significantly disturb functionality and affect expected results in testing or measurement applications. Rezorb™ S features low outgassing properties and covers a wide operating temperature range from -70 to 177°C. Thanks to its unique surface geometry, it significantly reduces reflected RF signals regardless of the angle of incidence. ReZorb™ S lowers EMI through both insertion loss and reflection reduction. Photo shows interconnecting tabs for easy assembly. See our complete Rezorb™ S description along with an application animation.

STUDY OUR MANY CONSUMER PRODUCTS APPS

Laird designs and produces engineered materials which are critical to ensuring dependable long-term product performance across consumer electronics globally. Explore our comprehensive consumer electronics webpage dedicated to this key market sector. We offer innovative, reliable, and scalable products to effectively mitigate EMI and remove unwanted heat. Today, more component manufacturers are opting for multi-functional solutions using a single process design. Throughout our webpage, we recommend Laird solutions (through links to different product families) for four important product sectors. Read this discussion today.

PINPOINT THE PERFECT ABSORBER



Join customers and take a tour of our extensive line of quality-engineered Laird™ RF/Microwave absorbers and mm wave absorbers and their specifications in this handy, newly updated summary. Laird's absorber folder opens with a General Selection Guide. Listed online in *RF Microwave Absorbers* are Laird products commonly specified for near field noise suppression, cavity resonance, free space (isolation, narrow band, broadband), and transmission load/termination. Next is an overview of frequency ranges Laird products address along with performance characteristics of products developed across our line of elastomers, foams, thermoset materials, compounds, and thermoplastic materials. In a subsequent section of the folder, the focus is on precise EMI issues which Laird helps resolve. They are grouped by each absorber product family addressing the specific issue, including low loss dielectric materials. Last, we provide helpful Reference Use Cases. We list EMI challenges which are common within specific markets. Tied to that is an overview of typical absorber applications benefitting components, systems, and equipment which are developed for those markets. That is followed by absorbers recommended for specific applications per market and application. Review our folder and take advantage of its recommendations on absorber selection.

ONLINE AID TO SELECTING PRODUCTS

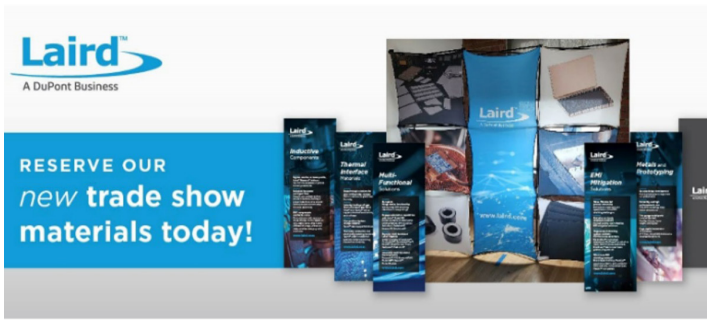
Need more help with selection? We encourage you and your customers to visit and use Laird's online and time-saving "toolbox" and you will streamline searches of comprehensive Laird™ brand product performance data and related information. Our Product Search Guide webpage introduced earlier allows for quick access to a range of searchable product information tools. The webpage includes links to resources such as SnapEDA and Laird's Virtual Design Center, as well as instructions on how to immediately purchase Laird products. The Guide provides a single access point for information-seeking design engineers too. It can guide you and save time. Use Laird's Product Search Guide regularly.

HELPFUL ANSWERS FOR HOT COMPONENTS

Laird™ Tflex™ HP34 gap filler with its thermal conductivity of 34 W/mK

Laird's highly popular *Thermal Interface Solutions* booklet continues to be referenced worldwide, serving the needs of channel partners and customers alike. Use it to describe our line of industry-leading thermal interface materials, each engineered to transfer excessive thermal loads away from sensitive electronics. Trends toward faster, higher power, and more densely packed components and systems in the era of 5G and especially with the emergence of artificial intelligence only exacerbate thermal management challenges. The booklet illustrates how Laird's soft, thin, or ultra-think thermal gap filler pads are complemented by our line of stress-minimizing, one- and two-part liquid gap fillers. Additional sections cover thermal phase change materials, thermal greases, electrically isolating insulators, thermally conductive printed circuit boards, and graphite materials. Review our booklet and our companion Custom Thermal Interface Materials webpage at laird.com today.

DISPLAY MATERIALS A PHONE CALL AWAY



Make Laird's handsome and free-to-use indoor promotional materials part of your 2024 special event planning. The backdrop display, 8 feet x 8 feet, installs easily. You can reserve it individually or use it along with one or more separate product sector banners shown here. Choose from thermal materials, EMI materials, multi-functional solutions, inductive components, precision, and structural metals. Reserve these eye-catching display materials for trade shows, user groups, or events your company helps sponsor. Once reserved and used, your only cost is the return shipment charge. For reservation details, contact Krystle.l.Drum@dupont.com, (610) 737-7631.

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