

Channel Talk

FROM LAIRD
PERFORMANCE
MATERIALS

December 2020

SERVING YOU

2020's concluding edition puts in your hands educational, insightful content which will be useful in your own planning. What's more, it will be helpful to customers and prospects examining their project's issues and weighing their options. Design engineering pros understand and define those issues and then launch corrective actions to quickly and profitably speed products to market. It's been a year when the pandemic has presented one hurdle after another. Yet you met those obstacles and conquered many. We commend our channel partners. Read December's Channel Talk. Forward the links you see.

Channel Talk is Laird's bi-monthly outreach dedicated to your success!

SHIELD EMI WITH X, Y AND Z-AXIS CONDUCTIVITY

Designers can innovate with [EcoFoam™ CF500H Series](#), offering traditional shielding and grounding and providing X, Y and Z-axis conductivity. Our new conductive foam meets the challenges of increasing microprocessor speeds of today's computer, telecommunications and other electronic equipment. EcoFoam is designed for low-cycling applications such as input/output (I/O) shielding and other non-shear standard connectors. It can be customized to specific applications by die-cutting, hole-punching, notching, and more, and is available in various thicknesses. Ecofoam CF500H comes with conductive PSA tape on one side.



PROVIDING PROTECTION FOR PROTECTORS

In "From DC to Daylight" appearing in Aerospace & Defense Technology magazine, Laird experts Paul Dixon and Rick Johnson explain how our [innovations in microwave absorbers](#) help fight an emerging battle. It's the fight to protect equipment from damaging signal interference and enemy detection at a wider range of frequencies than ever before, including radar at frequencies as low as 100 MHz and as high as 95 GHz. Read how Laird absorber solutions shield the warfighter by eliminating stray radiation, reducing reflection, and minimizing cavity resonance oscillations.



INNOVATE AT OUR EXPANDED VIRTUAL DESIGN CENTRE

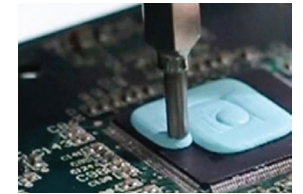
See how Laird's [Virtual Design Centre](#) has been expanded to include all the majority grades of RF/microwave absorbers. Users can locate, configure, download and request 2D and 3D absorber illustrations, 2D blocks, library



features, and macros. Select in the VDC the material type and grade requirement for your application, pick from the available standard thicknesses and customized dimensions, and you are done!

SUPER-COMPLIANT DISPENSABLE GAP FILLERS

Add new efficiencies to projects, especially when reducing or fully eliminating mechanical stress on components is a key consideration. Learn more about Laird's fast-growing portfolio of [dispensable gap fillers](#). They bridge the interface between hot components and a chassis or heat sink assembly. Because they're super-compliant, these products can be used to fill large or uneven gaps in assemblies. The pressure transferred between interfaces is either minimized or eliminated. Both one- and two-part materials are available. Some dispensables are ideal for vertical stability and consistent dispensing. Explore the line today and learn the benefits.



"WHAT DO YOU MEAN BY _____?"

When you need to quickly understand a capability or phrase in design engineering, or one you don't use commonly, refer to Laird's convenient 28-page [Useful Guide to Technical Terms](#). It's a comprehensive A to Z glossary containing hundreds of engineering terms pertinent to the industries in which Laird products are applied, a concise list of those terms, and additional helpful context. Quickly reviewing a term better prepares you to understand an issue, product function, application, or capability. Download and use our Guide regularly.

