

RF/Microwave Absorber Kit

Be sure to review our complete line of microwave absorbers for free space and cavity resonance applications.

SAMPLE MATERIAL	FUNCTION	OPERATING FREQUENCY	LAIRD PART NUMBER	BENEFITS	COMMON APPLICATIONS
Eccosorb® MFS-124/SS6M 0.010" & 0.020"	Mode Absorber Magnetic Elastomer	> 6 GHz	0.010" - 21124201 0.020" - 21164168	Ultra-thin, broadband, high frequency, cavity resonance, Fire Retardant per UL-94 VO	RF/microwave and millimeter wave modules, converters, transceivers
Eccosorb GDS/SS6M 0.030"	Mode Absorber Magnetic Elastomer	6-35 GHz	21226192	Thin, broadband, intermediate frequency, cavity resonance	RF/microwave modules, converters, transceivers, PAs
Eccosorb MCS/SS6M 0.040"	Mode Absorber Magnetic Elastomer	800 MHz-18 GHz	21109145	Thin, broadband, low frequency, cavity resonance, Fire Retardant per UL-94 VO	RF/microwave modules, converters, transceivers, PAs
Eccosorb MMI/SS6M 0.020"	mm Absorber dielectric load elastomer	35-100 GHz	203540226	Thin, broadband, high frequency, outdoor environment, ceramic loading	mm wavelengths, automotive, 5G network and data
Eccosorb JCS9/SS6M 0.020"	mm Absorber dielectric load elastomer	35-100 GHz	85000167	Thin, broadband, high frequency, flexible, low density, carbon loading	mm wavelengths, automotive, 5G network and data
Coolzorb 700 LF 0.060"	Absorber, thermal interface, elastomer	< 4 GHz	CZ700LF-060	Soft, high attenuation, thermally conductive, flexible for low frequency applications	IC coupling/heat sink coupling, attenuating memory chips
Coolzorb 600 0.040"	Absorber, thermal interface, elastomer	> 4 GHz	A18002-040	Soft, high attenuation, thermally conductive, flexible for high frequency applications	Antenna reflection, cavity reflection, surface reflection
RFRET 0.375"	Absorber, dielectric loading, foam	2-18 GHz	4000	Lightweight, flexible, optional weather sealing, gradient	Antenna reflection, cavity reflection, surface reflection
FlexK LoK /SS6M 0.020"	Low dielectric, elastomer		28017104	Thin, flexible, low loss, low dielectric constant	Radome, PCB signal integrity, component isolation, coupling
Kzorb 1.7MAG 0.100"	Dielectric/absorber system		29FB20080	Combination dielectric and absorber for on board applications	Useful around chip and on PCB

CUSTOM CONFIGURATIONS ALSO AVAILABLE. CONTACT LAIRD PERFORMANCE MATERIALS FOR A QUOTE!

Capabilities: Through and kiss cut, water jet, custom samples, precision machining, mold-in-place technology, injection molding. Ask your salesperson for details.

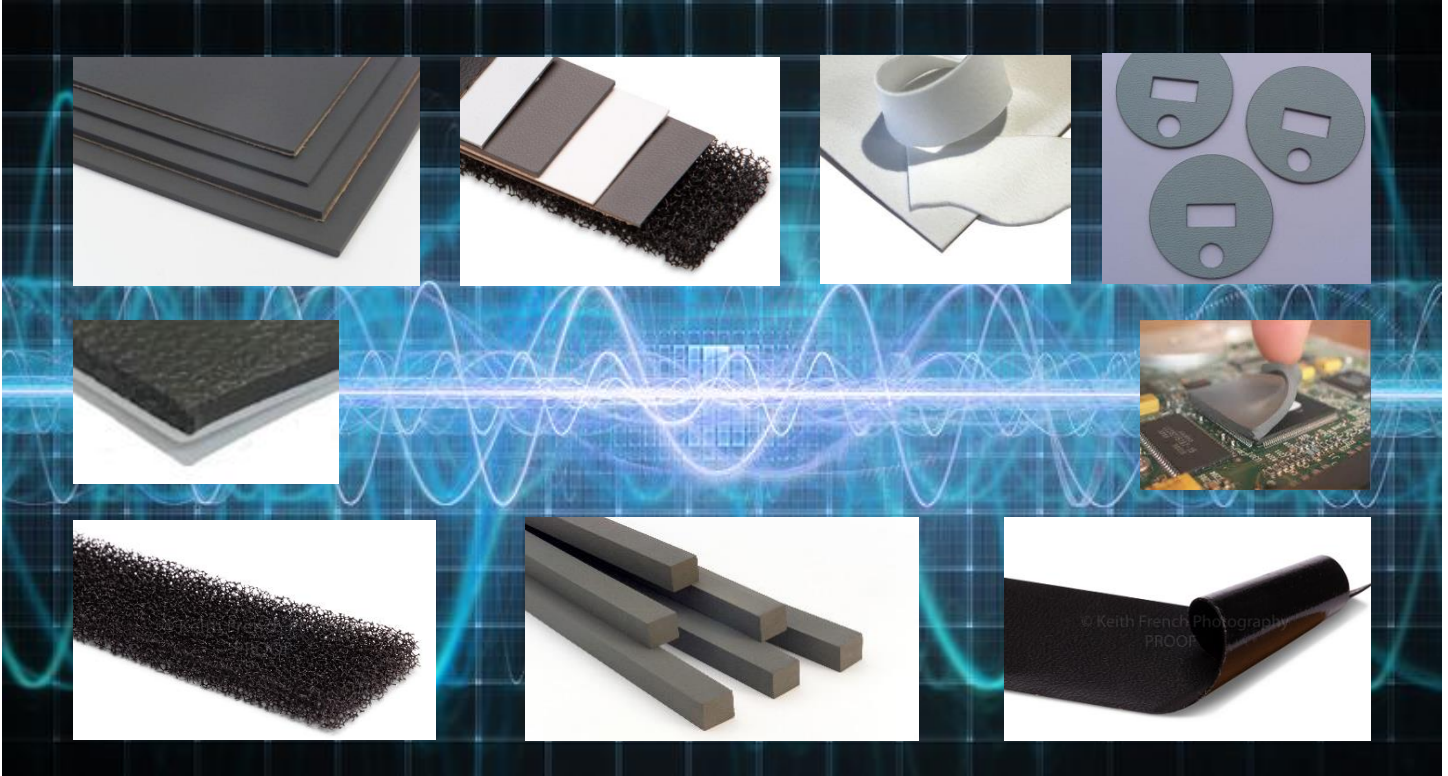
SS3 refers to acrylic-based pressure sensitive adhesive. SS6M refers to the modified pressure sensitive adhesive used with silicone absorbers. Common thicknesses included. Consult with us for additional options.

www.lairdtech.com

Americas: +1 866.928.8181 Europe: +44. (0).8031.2460.0 Asia: +86.755.2714.1166

Laird Performance Materials Enables High-Performance Electronics

(over)



Microwave absorber and dielectric solutions for 100 MHz to 100 GHz; and beyond....

Any information furnished by Laird Technologies, Inc. and its agents are believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user. Laird Technologies makes no warranties as to the fitness, merchantability, suitability or non-infringement of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2018 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third-party intellectual property rights.

www.lairdtech.com

Americas: +1 866.928.8181 Europe: +44. (0).8031.2460.0 Asia: +86.755.2714.1166

Laird Performance Materials Enables High-Performance Electronics