

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.

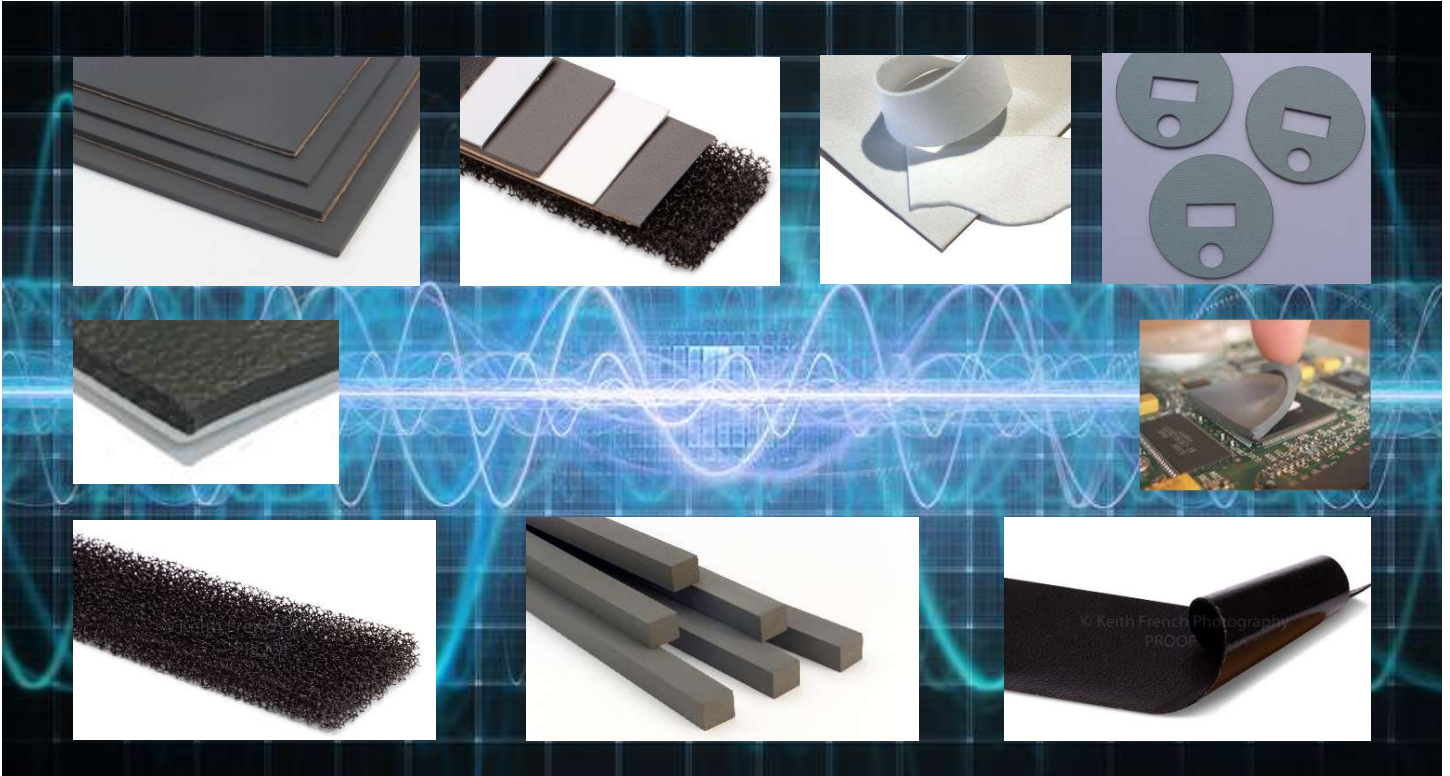
SS3 refers to acrylic-based pressure sensitive adhesive. SS6M refers to the modified pressure sensitive adhesive used with silicone absorbers. Common thicknesses included. Consult with us for additional options.

www.lairdtech.com

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

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