

# RF/Microwave Absorber Kit 304999999

SAMPLE MATERIAL	FUNCTION	OPERATING FREQUENCY	Laird Part Number	BENEFITS	COMMON APPLICATIONS
<b>NS 1020</b> 0.2mm	Magnetic Absorber, noise suppressor	20Mhz-2 GHz	NS1020	Ultrathin, near field, high permeability, cable surface current, patch	Industrial electronics
<b>Eccosorb MCS SA</b> 0.5 mm & 1mm	Molded Absorber Magnetic Elastomer	800 MHz-6 GHz	0.5mm- 303512102 1mm- 303512104	Thin, broadband, low frequency, cavity resonance, Fire Retardant per UL-94 VO	RF/microwave modules, converters, transceivers, Pas, wifi module
<b>Eccosorb® 5G MeF 1 SA</b> 0.5 mm & 1mm	Molded Absorber Magnetic Elastomer	18- 40GHz	0.5mm - 403400602 1mm - 403400604	Ultra-thin, broadband, Medium frequency, cavity resonance, Fire Retardant per UL-94 VO	RF/microwave and millimeter wave modules, converters, transceivers, 5G devices
<b>Eccosorb® 5G HiF 1 SA</b> 0.5 mm & 1mm	Molded Absorber Dielectric Elastomer	40-100 GHz	0.5mm- 403540221 1mm- 403540222	Thin, broadband, high frequency, cavity resonance, outdoor	RF/microwave modules, converters, transceivers, Pas, 5G network
<b>Eccosorb® BSR SA</b> 0.25mm /0.5 mm & 1mm	Mode Absorber Magnetic Elastomer	6-18GHz	0.25mm-303400611 0.5mm-303400612 1mm-303400614	Ultra-thin, broadband, intermediate frequency, cavity resonance, Fire Retardant per UL-94 VO	RF/microwave modules, converters
<b>Eccosorb® SF 2.5 &amp; 10 SA</b>	Narrow band absorber	2.5 Ghz 10 Ghz	2.5 Ghz-303531006 10 Ghz-303540030	Thin, flexible, available in a variety of grade with targeted frequency (0.5 Ghz step from 1 to 26GHz)	Antenna, radar RF/microwave module
<b>Coolzorb 500</b> 1mm & 1.5mm	Absorber, thermal interface, elastomer	> 30 GHz	1mm- A17557-040 1.5mm- A17557-060	Soft, high attenuation, High thermally conductive 4WmK, flexible for high frequency applications	IC coupling/heat sink coupling, attenuating memory chips, wifi module
<b>Coolzorb 600</b> 1mm & 1.5mm	Absorber, thermal interface, elastomer	1 GHz < <30GHz	1mm-A18002-040 1.5mm-A17556-060	Soft, high attenuation, thermally conductive 3WmK, flexible for high frequency applications	IC coupling/heat sink coupling, attenuating memory chips
<b>FlexK LoK SA</b> 0.5 mm	Low dielectric, elastomer		28917104	Thin, flexible, low loss, low dielectric constant	Radome, PCB signal integrity, component isolation, coupling
<b>Kzorb 1.7MAG</b> 3 mm	Dielectric/absorber system		29FB20100	Combination dielectric and absorber for on board applications	Useful around chip and on PCB tracks
<b>Eccosorb AN 72</b> 6 mm	Multilayer lossy Foam absorber	>20 Ghz	301001001	Broadband free space absorber, UL 94 HBF, available for different frequency band	Test chamber, antenna, radar, Military camo
<b>Eccosorb HR</b> 10 mm	Foam gradient absorber	>15 Ghz	301060005	Flexible open cell, lightweight, broadband	Test chamber, antenna, radar,

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

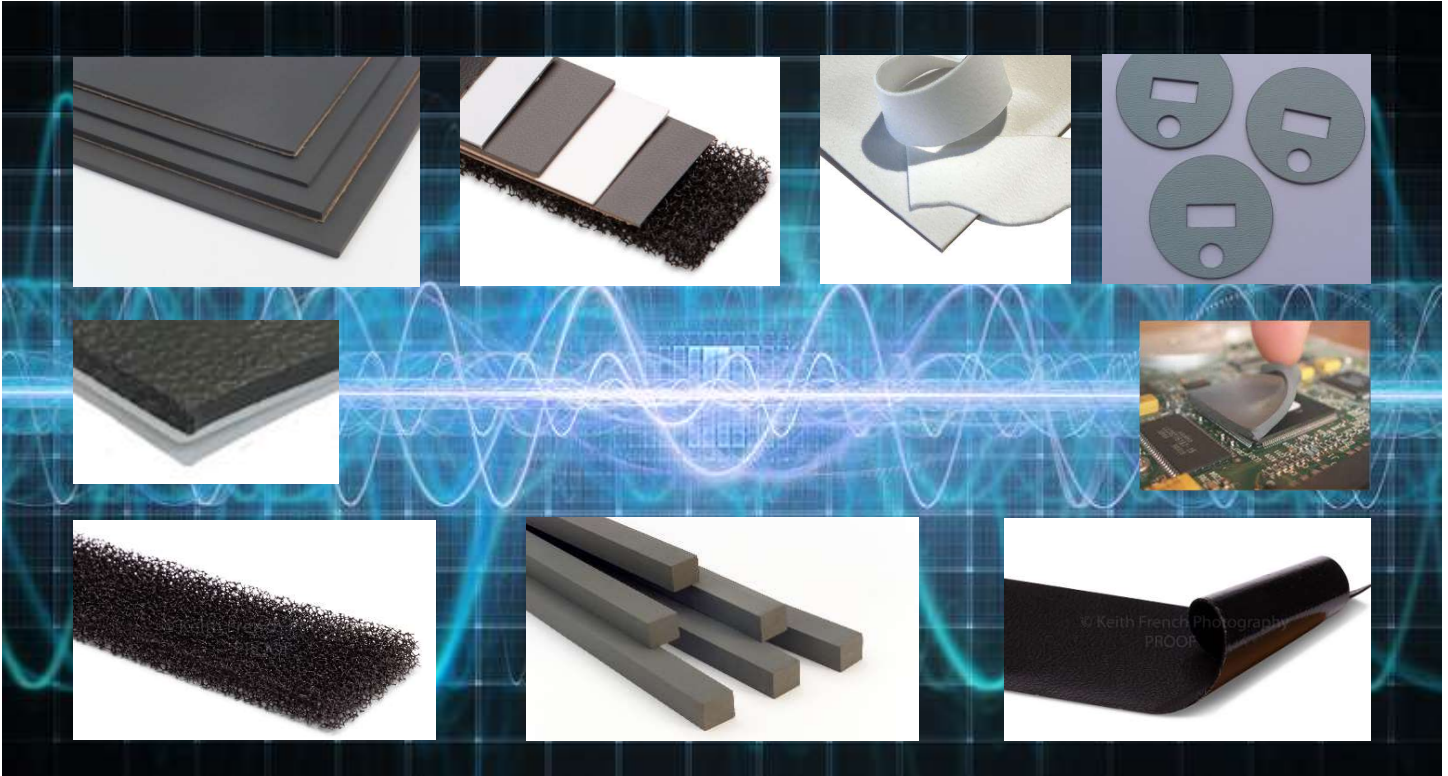
Capabilities: Through and kiss cut, water jet, custom samples, precision machining, mold-in-place technology, injection molding. Ask your salesperson for details.

SA refers to the modified pressure sensitive adhesive used with silicone absorbers. Common thicknesses included. Consult with us for additional options.

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*Laird Performance Materials Enables High-Performance Electronics*



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

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