

# RF/Microwave Absorber Kit 304999999

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

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	Mode 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	> 4 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 700 LF</b> 1mm & 1.5mm	Absorber, thermal interface, elastomer	< 4 GHz	1mm-CZ700LF-040 1.5mm-CZ700LF-060	Soft, high attenuation, thermally conductive, flexible for low frequency applications	IC coupling/heat sink coupling, attenuating memory chips
<b>Coolzorb 600</b> 1mm & 1.5mm	Absorber, thermal interface, elastomer	> 4 GHz	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,

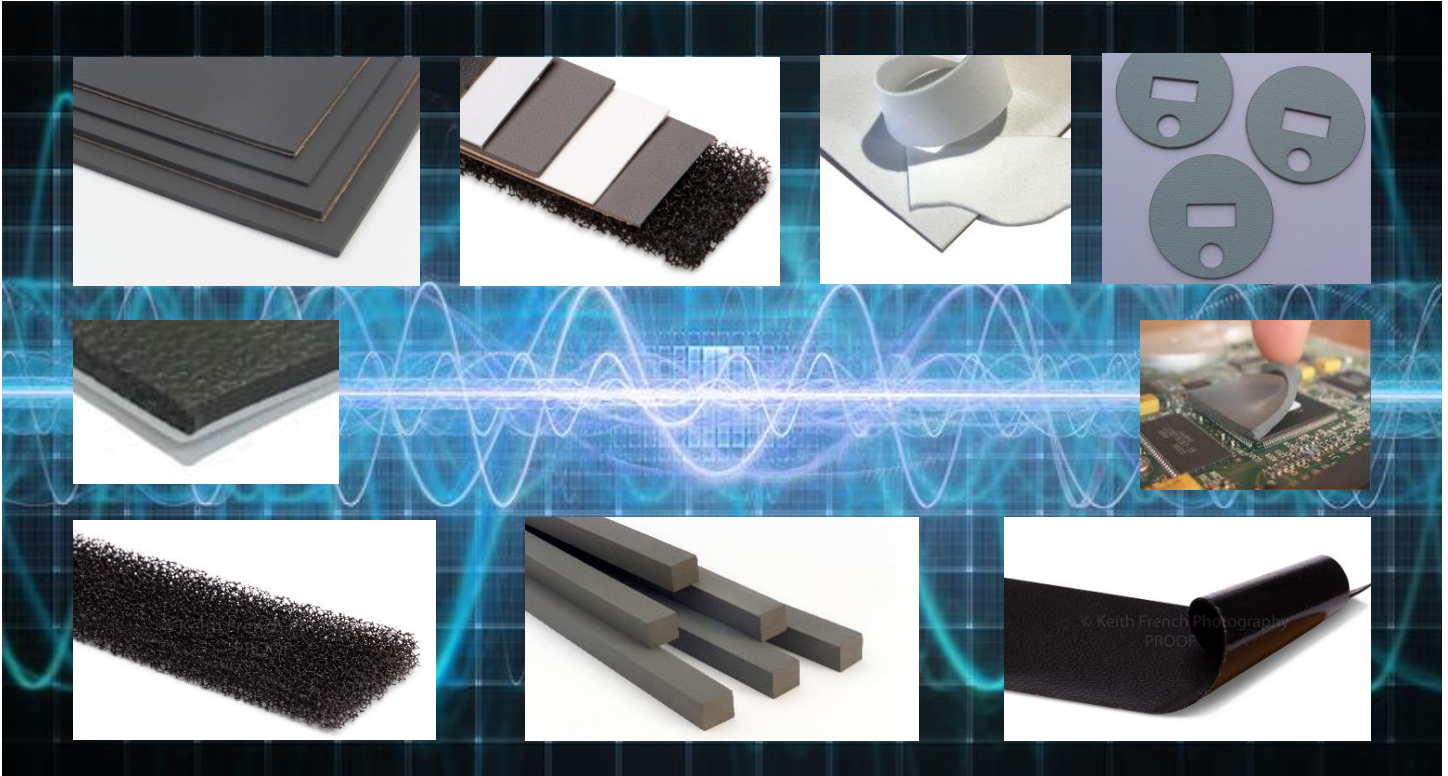
Capabilities: Through and kiss cut, water jet, custom samples, precision machining, mold-in-place technology, injection molding. Ask your salesperson for details.

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

[www.lairdtech.com](http://www.lairdtech.com)

Americas: +1 866.928.8181 Europe: +49. (0).8031.2460.0 Asia: +86.755.2714.1166

*Laird Performance Materials Enables High-Performance Electronics*



**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](http://www.lairdtech.com)

**Americas: +1 866.928.8181 Europe: +49. (0).8031.2460.0 Asia: +86.755.2714.1166**

*Laird Performance Materials Enables High-Performance Electronics*