



RF/Microwave Absorber Kit 304999999-AP

| SAMPLE MATERIAL | FUNCTION | OPERATING FREQUENCY | Laird Part Number | BENEFITS | COMMON APPLICATIONS |
|---|---|---------------------|--|--|--|
| NS 1020 0.2mm | Magnetic Absorber, noise suppressor | 20MHz - 2GHz | NS1020 | Ultrathin, near field, high permeability, cable surface current, patch | Industrial electronics |
| Eccosorb MCS SA 0.5 mm & 1mm | Molded Absorber Magnetic Elastomer | 800MHz - 6GHz | 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 |
| Eccosorb® 5G MeF 1 SA 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 |
| Eccosorb® 5G HiF 1 SA 0.5 mm & 1mm | Molded Absorber Dielectric Elastomer | 40 - 100GHz | 0.5mm- 403540221 1mm- 403540222 | Thin, broadband, high frequency, cavity resonance, outdoor | RF/microwave modules, converters, transceivers, Pas, 5G network |
| Eccosorb® BSR SA 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 |
| Eccosorb® SF 2.5 & 10 SA | 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 |
| Coolzorb 500 1mm & 1.5mm | Absorber, thermal interface, elastomer | > 30GHz | 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 |
| Coolzorb 600 1mm & 1.5mm | Absorber, thermal interface, elastomer | 1GHz - 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 |
| FlexK LoK SA 0.5 mm | Low dielectric, elastomer | | 28917104 | Thin, flexible, low loss, low dielectric constant | Radome, PCB signal integrity, component isolation, coupling |
| Kzorb 1.7MAG 3 mm | Dielectric/absorber system | | 29FB20100 | Combination dielectric and absorber for on board applications | Useful around chip and on PCB tracks |
| Eccosorb HR 10 mm | Foam gradient absorber | > 15GHz | 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.

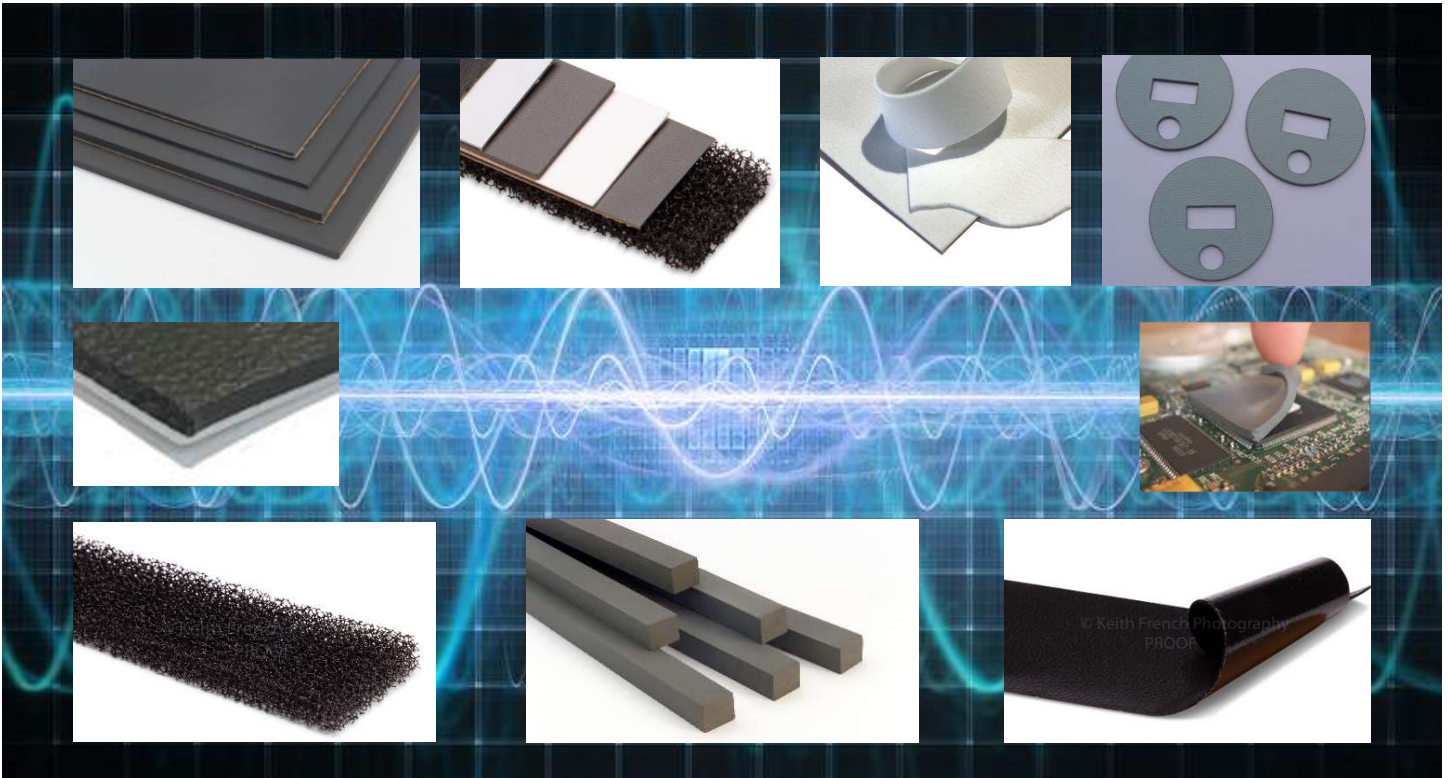
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Laird Performance Materials Enables High-Performance Electronics



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

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