

PRODUCT RELEASE

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Choosing the Proper Elastomer for Microwave Absorption

1/9/2014 – San Jose, California: RFMW, Ltd. announces the availability of a [white paper](#) discussing the proper selection of microwave absorbing and EMI shielding products. This [Technical Bulletin](#) from MAST Technologies defines the characteristic properties of various elastomers used in the manufacture of microwave absorbing products. For example, Nitriles show excellent resistance to petroleum based fuel and oil products so are superior to Silicone in aerospace and flight line environments. For high temperature applications or where dilute acids may be encountered, a Viton based absorber may be the best option. MAST Technologies' elastomer based absorbers are used in a variety of commercial and military applications where unwanted RF emissions cause system degradation. Applications include the reduction or elimination of cross-talk in optical transceivers, dampening of cavity resonances, absorption of surface wave emissions within equipment chassis' and magnetic dampening of tuned coils. MAST elastomers can be custom tuned for frequencies ranging from 1MHz to greater than 40GHz.

Samples are available for qualified requirements through RFMW, Ltd. at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the [contact page](#) on the [RFMW web site](#).

About RFMW

RFMW Ltd. is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

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