



CUMING MICROWAVE

C-RAM RF PROBLEM SOLVER KIT

RoHS
Compliant

TECHNICAL BULLETIN 301

CONTENTS OF RF PROBLEM SOLVER KIT

Material	Operating Frequency	Thickness	Type
RGD-S-124/PSA	27 GHz – 60 GHz	.010"	Mode absorber, magnetic elastomer
GDSS/PSA	6 GHz – 35 GHz	.030"	Mode absorber, magnetic elastomer
FF-2/PSA	4 GHz – 18 GHz	.040"	Mode absorber, magnetic elastomer
RGD-S-192/PSA	800 MHz – 8 GHz	.040"	Mode absorber, magnetic elastomer
GDSS/PSA	4 GHz – 18 GHz	.060"	Mode absorber, magnetic elastomer
FLX-10/PSA	9 GHz – 11 GHz	.062"	Free-space/Mode absorber, magnetic elastomer
FF-2/PSA	800 MHz – 4 GHz	.080"	Mode absorber, magnetic elastomer
RGD-S-124/PSA	800 MHz – 4 GHz	.125"	Mode absorber, magnetic elastomer
MT-26/PSA	1 GHz – 26 GHz	.125"	Lossy, carbon loaded foam
MT-30/PSA	1 GHz – 30 GHz	.250"	Lossy, carbon loaded foam

PSA=Peel and Stick Adhesive backing

The above materials are listed with their most common thicknesses, other thicknesses are available. In general, thicker materials perform at lower frequencies; thinner materials perform at higher frequencies.

AVAILABILITY

The RF Problem Solver Kit includes samples of our most common C-RAM® RF Absorbing Materials. All grades of elastomer materials are available in 12"x12" (305mm x 305mm) and 16"x20" (406mm x 508mm) sheets. All grades of C-RAM MT are normally available in 24"x24" (610mm x 610mm) sheets. Most absorber grades can be supplied with an optional peel-and-stick PSA backing. Cuming Microwave can also convert these materials to your custom drawing.

The information in this technical bulletin, although believed to be accurate, is not to be taken as a warranty for which Cuming Microwave assumes legal responsibility, nor as permission or recommendation to practice any patented invention without license. It is offered for verification by the customer, who must make the final judgment of suitability for any application.

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