

## Product versus Application Matrix

Application	MR1: Tuned Frequency	MR2: Cavity Resonance	MR3: Surface Wave	MR5: Low Frequency	MF1: Reticulated Foam	MF2: Lossy Foam	MF3: Convuluted Foam
Specular Return (RCS)	X	X					
Side/back lobe reduction	X				X	X	X
Aircraft Seals	X						
Instrument Housings	X						
Discrete Frequency	X						
Cavity backed antennas	X						
Resonant Cavity Attenuation		X	X	X	X	X	X
EMI Reduction		X	X	X	X	X	X
Rx/Tx Antenna Isolation		X			X	X	X
System Isolation		X					
High Frequency Interference		X	X	X			
Inside a shielding can		X	X	X			
Traveling, creeping, surface wave absorpction			X	X			
Mounted to an IC on a PCB			X	X			
Mounted directly on a microstrip			X	X			
Antenna Pattern Performance					X	X	X
Radar Cross Section Reduction					X	X	X
Dual use air filter/EMI absorber					X		
RF Test Boxes/Fixtures							X