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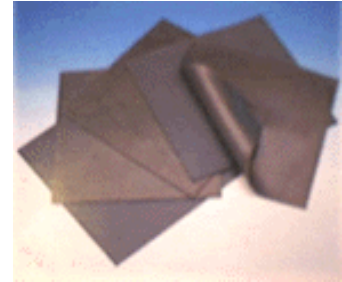
RTS Microwave Absorbers

Description:

RTS is a series of elastomeric absorbers which, typically, absorb 99% (20dB) of normally incident energy at a discrete frequency between 2GHz and 40 GHz.

Based on the tuned frequency, RTS absorber is designed with thin thickness in the range of 0.9mm to 6mm. The frequency domain needed to be absorbed also can be made as customer specified.

The materials are normally provided in 25cm x 25cm per sheet (backed or unbacked), which can be readily cut to any desired size.



Applications:

- EMI Reduction for Antennas and Electronic Systems (such as LNBS for Satellite System).
- Antenna Pattern Shaping and False Echo Reductions.
- The Radiation Hazard Protection.
- RF module.
- The surface of ship, vehicles.

Typical Specifications:

Type	Thickness (mm)	Frequency	Max. Decay (-dB)
RTS-2	2.6	1.8GHz ~ 2.2GHz	25
RTS-2.5	2.6	2 GHz ~ 3.4 GHz	30
RTS-4	1.6	3.5 GHz ~ 5.0 GHz	20
RTS-6	2.1	4.7 GHz ~ 7 GHz	20
RTS-12	1.5	10 GHz ~ 15 GHz	20
RTS-15	1.5	12GHz ~ 18GHz	30
RTS-24	0.9	22GHz ~ 26GHz	20

*The frequency may be tuned as customer's requirement

*RTS-2.5 means max decay (-dB) at 2.5GHz