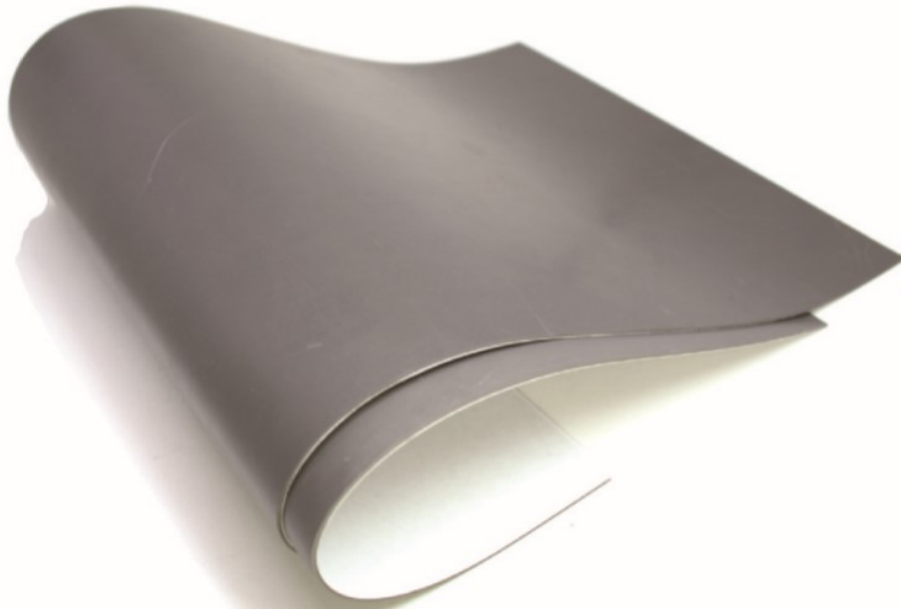


# Radio Absorbing Material - High Frequency type

- Lightweight, flexible, thin
- Broadband absorption bandwidth
- Available for Microwave Frequency range
- Commercial Communications
- Security and Defence

Our microwave absorber, which is made of a mixture of polymer resin and metal magnetic powder, is designed as a thin and flexible sheet (A4 size format) with an excellent degree of workability as it can be easily bonded.

The RAM sheet can suppress radiation noise of electronics devices for wideband frequency range. It also reduces surface current as well as surface reflection in cavity resonant applications.



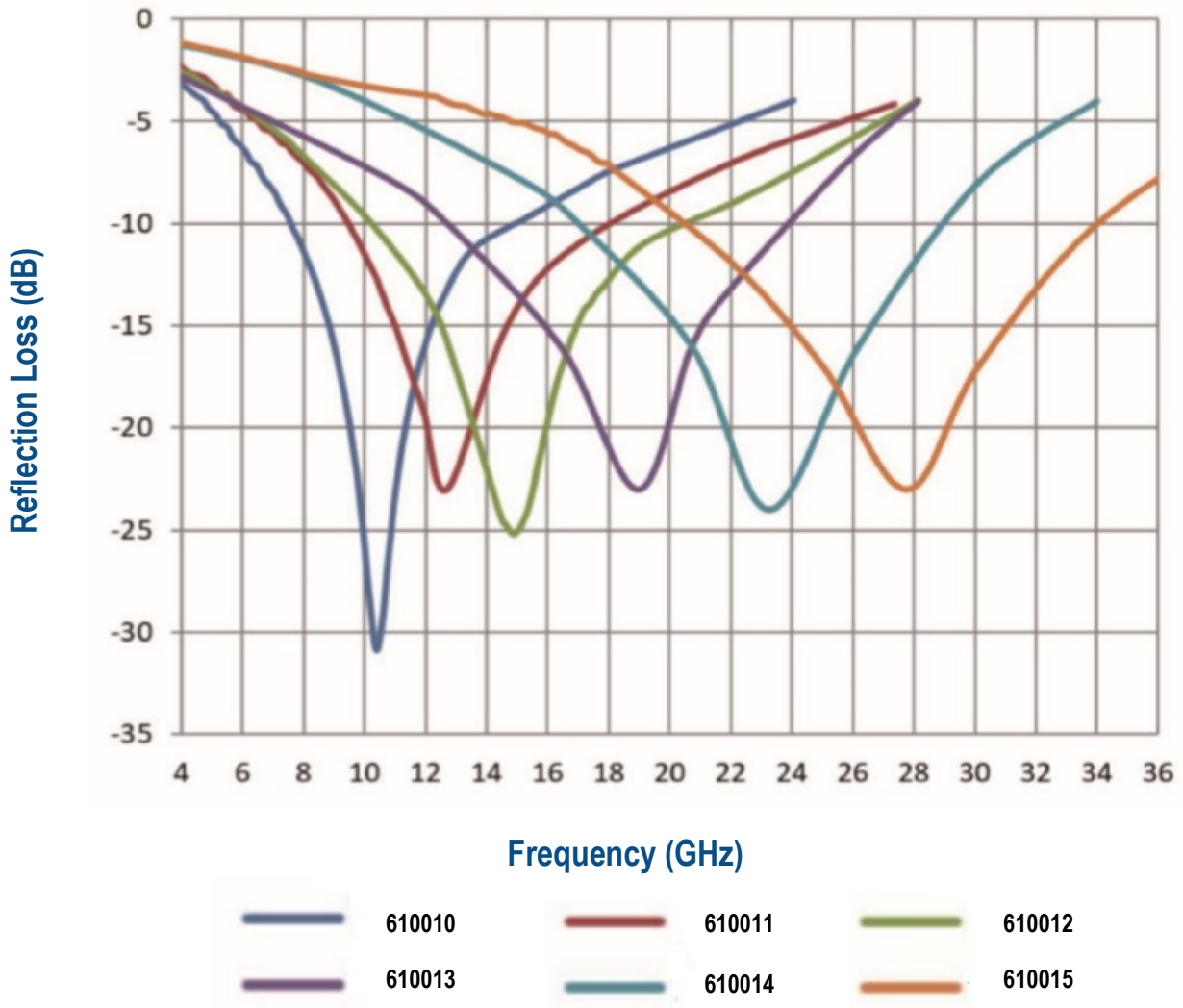
RF Parameters	610010	610011	610012	610013	610014	610015
Frequency Range (GHz)	~20	~20	~26	~26	~32	~36
Peak & Center Freq (GHz)	10.2	12.5	15.0	19.0	24.0	28.0
Standard thickness (mm)	1.2	1.0	1.20	1.0	0.80	0.80
Standard size (mm)	210x300 (A4 size)					
Surface resistance (Ω)	1x10 <sup>6</sup> (min)					
Specific gravity	3.4+/-0.5					
Temperature range (C)	-30 to 90					
Hardness (Shore A)	93+/-5					

Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified

Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.





\* When ordering, please specify the part number required by checking the frequency and the thickness desired (e.g. 610010, Freq. 10.2GHz, 1.2mm thickness)

Ordering guide						
Part Number	610010	610011	610012	610013	610014	610015
Peak & Center Freq (GHz)	10.2	12.5	15.0	19.0	24.0	28.0
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