

Innovative **Technology** for a **Connected** World





QZorb 2000 is a flexible elastomeric magnetic absorbing material. The material is designed to perform well for surface current attenuation. It can be used to lower the Q of cavities and reduce EMI. It is easily bonded using contact adhesives or it can be supplied with a pressure sensitive acrylic adhesive (PSA). The material is available in four standard thicknesses.

FEATURES AND BENEFITS

- Extremely tough and flexible
- Can be die-cut to a variety of shapes and components
- Supplied with pressure sensitive adhesive for ease of installation
- Designed for good surface current attenuation for broadband applications
- Useful in cavities to lower the Q and reduce suppress electromagnetic interference
- Performs well in millimeter wave applications
- Well suited to outdoor applications
- Useful for antenna interference reduction
- Good general weather and chemical resistant
- Excellent for surface current attenuation

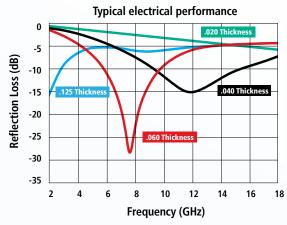
SPECIFICATIONS

MATERIAL	THICKNESS	FREQUENCY
QZorb 2000	.020" (0.51 mm)	> 10 GHz
QZorb 2000	.040" (1.02 mm)	> 8 GHz
QZorb 2000	.060" (1.52 mm)	> 4 GHz
QZorb 2000	.125" (3.18 mm)	< 4 GHz

Adhesive on one side

Standard sheet sizes available ; 24" x 24", 12" x 12". 4" x 6". Can be die-cut to other sizes

TYPICAL PHYSICAL PROPERTIES		
Weight	1.2 lb/sq ft	
Temperature Range	350 °F 300 °F w/PSA	
Electrical Performance	Excellent for surface current attenuation	
Color	Gray	
Environmental	Good general weather and chemical resistance	
Bonding	Bond with contact adhesives or PSA	
Outgassing	<1% TM	
Fire Retardant Rating	UL-V0	



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EMI-DS-QZORB 2000 1111

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