



Q-ZORB PN 2238, RFSW-S-040-FR 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).

### FEATURES AND BENEFITS

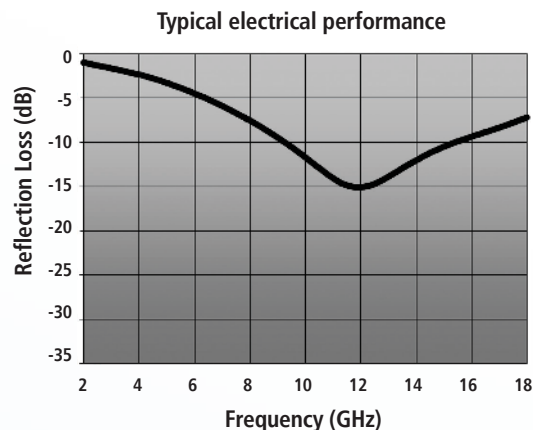
- Extremely tough and flexible
- Can be die-cut to a variety of shapes and components
- Supplied with pressure sensitive adhesive for ease of installation
- Designed for good surface current attenuation from 10 GHz and beyond
- Useful in cavities to lower the Q and reduce suppress electromagnetic interference
- Performs well in millimeter wave applications
- Well suited to outdoor applications
- Useful for antenna interference reduction
- Withstands direct exposure to environment

### SPECIFICATIONS

TYPICAL PHYSICAL PROPERTIES	
	2238 24" x 24" (Standard)
Size	2238 -.25 12" x 12"
	2238 - S 4" x 6"
Thickness	.040" nominal
Weight	.94 lb/sq ft
Temperature Maximum	220 °F
Electrical Performance	Excellent for surface current attenuation
Color	Gray
Environmental	Good general weather and chemical resistance
Bonding	Supplied with 3M 9485 PSA
Fire Retardant Rating	UL-V0

### NOTES

The physical properties and electrical performance property above are typical for the material, but not intended for use in specifications or for the acceptance inspection criteria because of variations in testing methods, conditions and configurations



global solutions: local support™

USA: +1.866.928.8181

Europe: +49.0.8031.2460.0

Asia: +86.755.2714.1166

EMI-RFMAG SURFACE WAVE P/N Q-ZORB 2238 1110

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.