

Electrically Conductive Foam (Preliminary Technical Datasheet)

TDS No. DB-5000
Effective Date: 09/15/2006

Description:

DB-5000 is an electrically conductive foam ideal for grounding or EMI shielding for electronic applications.

Details:

Application

DB-5000 is a highly compressible gasket solution and can be used to replace fabric over foam gaskets. *DB-5000* is available with electrically conductive adhesive one side.

Product Data

Physical Properties:

Color	Gray
Thickness, inches	0.019
mm	0.47
Compression set (%) after 70°C at 22 hours	29

Electrical/Shielding Properties:

Surface Resistivity (Ω /sq)	0.032
Contact Resistivity (m Ω /sq)	0.35
Shielding Effectiveness (dB) 10MHz	82
Shielding Effectiveness (dB) 100MHz	95
Shielding Effectiveness (dB) 1000MHz	99

Safety Precautions

Material Safety Data Sheets (MSDS) defining the known hazards and describing safety precautions appropriate for this product are available upon request.

Some test results reported based upon third party testing lab.

Trademarks:

Note: All values shown are averages and should not be used for specification purposes.

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Global Precision Die Cut | 6555 West Good Hope Road | Milwaukee, WI 53223 | USA | Tel: 1-800-356-9951 | Fax: 414-358-5142