



**Product
Bulletin**

800-1215

MICROSORB MT-EMI-1215
EMI Conductive Elastomer Gasket

MICROSORB MT-EMI series is a silicone elastomer filled with conductive metal particles to provide high shielding effectiveness and an environmental seal. Other resin types are available. Microsorb can manufacture EMI gaskets by liquid or extrusion technology.

Although the material specifications were determined at indicated durometers, other durometers are available from 40 to 80. Material specifications (with the exception of specific gravity) may vary at other durometers. **MICROSORB MT-EMI** can be supplied in a variety of sheet sizes, standard extrusion sections, or as standard or custom die-cut gaskets.

TYPICAL PROPERTIES:

Name:	Microsorb MT-EMI-1215
Filler:	Silver/Copper
Elastomer	Silicone
Color	Tan
Specific Gravity, gm/cc	3.5
Durometer Shore A	65
MIL-83528 Type	A
Volume Resistivity, Ohm-cm	0.004
Operating Temperature: Min C	-55°
Operating Temperature: Max C	125°
Compression Deflection % Min.	3.5
Tensile Strength, P.S.I.	200
Elongation % Min.	100%
Elongation % Max.	300%
Compression Set %	32
Tear Strength lb./in.	25
Shielding Effectiveness (100 MHz)	120
Shielding Effectiveness (500 MHz)	120
Shielding Effectiveness (2 GHz)	120
Shielding Effectiveness (10 GHz)	120

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