

ARC Technologies, Inc.

Magnetic Radar Absorbing Material (MAGRAM)

ARC - UD – 12300-1

Description: Flexible, broadband, carbonyl iron loaded urethane rubber based microwave absorber tuned for mode suppression in an enclosed cavity, signal isolation and surface current attenuation. This product is electrically non-conductive. It is provided with pressure sensitive transfer adhesive (PSA) on the back side.

Sheet Size: 24" x 24" (60.96 x 60.96cm)

Part Size: Can be die cut or waterjet cut to many Configurations.

Thickness: 0.094" +/- 0.005 (2.38mm +/- 0.127)

Color: Gray

Temperature Range: -60F to +275 (-51C to 135C)

Flammability Rating: UL94-HB (file number E204422)

Specific Gravity: 3.5 to 4.2

Far Field Reflection Loss Performance (NRL Arch): >17 dB @ 4 GHz

Outgassing Properties: TML
(ASTM E-595-90)

<1.0%

CVCM

<0.10%

Water Vapor
Recovered
0.13%



Solutions for Interference Control

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