

## 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.

<b>Sheet Size:</b>	24" x 24" (60.96 x 60.96cm)		
<b>Part Size:</b>	Can be die cut or waterjet cut to many Configurations.		
<b>Thickness:</b>	0.094" +/- 0.005 (2.38mm +/- 0.127)		
<b>Color:</b>	Gray		
<b>Temperature Range:</b>	-60F to +275 (-51C to 135C)		
<b>Flammability Rating:</b>	UL94-HB (file number E204422)		
<b>Specific Gravity:</b>	3.5 to 4.2		
<b>Far Field Reflection Loss Performance (NRL Arch):</b>	>17 dB @ 4 GHz		
<b>Outgassing Properties: TML (ASTM E-595-90)</b>	<b>CVCM</b>	<b>Water Vapor Recovered</b>	
<1.0%	<0.10%	0.13%	

The technical information contained herein is consistent with the properties of this material but should not be used in the preparation of specifications as it is intended for reference only.



### *Solutions for Interference Control*

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