

## Milcoustic

Milcoustic is an acoustically superior polyether foam with a UV stable polyurethane facing. The standard Milcoustic product has a black polyurethane film facing to provide both acoustic enhancement as well as a deterrent for airborne dirt, lint, mild chemicals, petroleum products or water mist. This product has been developed to provide the best overall acoustic properties (NRC-Noise Reduction Coefficient) possible while also achieving high flammability standards. Milcoustic recently passed flame testing and is UL listed under UL 2200 and UL 746C for engine generator enclosures and electrical equipment.



### TYPICAL APPLICATIONS:

- Acoustic Panels
- Generator Enclosures
- Pump, Compressor and Other Mechanical Equipment Enclosures
- HVAC Equipment
- Industrial Machinery and Equipment

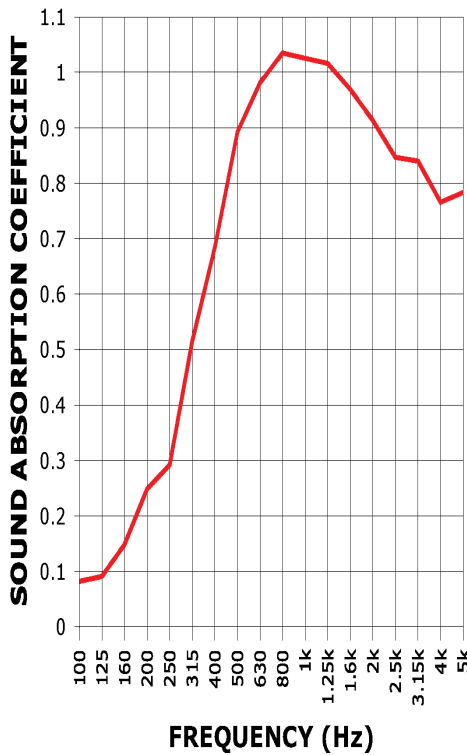
### Milcoustic comes in a variety of:

- Colors
- Thicknesses
- Sizes
- Sheets
- Rolls

## Sound Absorption Report of 1" Milcoustic

## Typical Physical Properties

SOUND ABSORPTION REPORT



Sound Absorption Average (SAA) = 0.78  
**Noise Reduction Coefficient (NRC) = 0.80**

Test Method: ASTM C423-09

1/3 Octave Center Freq. (Hz)	Absorption Coefficient	Total Absorption (Sabins)
32	-0.02	-1.76
40	0.03	2.35
50	-0.03	-2.04
63	0.01	0.94
80	0.04	2.90
100	0.08	5.84
125	0.09	6.48
160	0.15	10.57
200	0.25	17.72
250	0.29	20.85
315	0.51	36.71
400	0.68	48.84
500	0.89	63.67

1/3 Octave Center Freq. (Hz)	Absorption Coefficient	Total Absorption (Sabins)
630	0.98	70.03
800	1.03	73.88
1000	1.02	73.18
1250	1.02	72.54
1600	0.97	69.20
2000	0.91	65.18
2500	0.85	60.44
3150	0.84	59.94
4000	0.77	54.65
5000	0.78	55.93
6300	0.80	56.83
8000	0.76	53.95
10000	0.60	42.89
12500	0.56	39.68

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Milcut Inc.  
 N50 W13400 Overview Dr.  
 Menomonee Falls, WI 53051

Phone: 262-783-3300  
 Email: [info@milcut.com](mailto:info@milcut.com)

[www.milcut.com](http://www.milcut.com)  
 Rev(5): 7-29-21