

MilcousticAL

MilcousticAL is an acoustically superior polyether foam with an aluminized mylar facing. The standard MilcousticAL product has an aluminized mylar facing to provide acoustic enhancement, thermal abatement, 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.

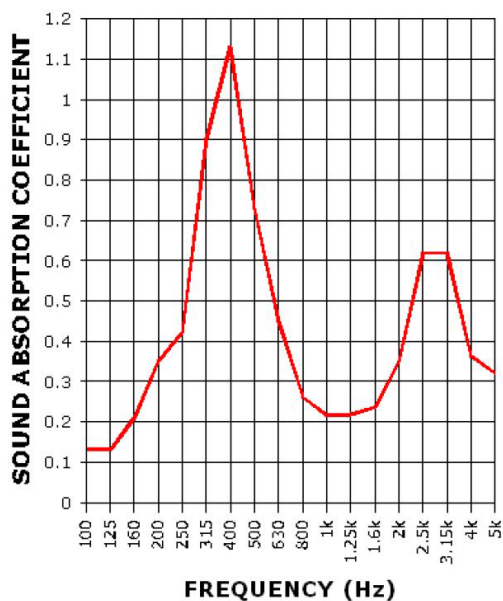
TYPICAL APPLICATIONS:

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

Sound Absorption Report of 1" MilcousticAL

Typical Physical Properties

SOUND ABSORPTION REPORT 1" MilcousticAL



Sound Absorption Average (SAA) = 0.49
Noise Reduction Coefficient (NRC) = 0.45

Test Method: ASTM C423-09

1/3 Octave Center Freq. (Hz)	Absorption Coefficient	Total Absorption (Sabins)
31.5	0.06	4.37
40	-0.01	-0.62
50	0.00	-0.24
63	0.06	4.24
80	0.09	6.49
100	0.13	9.62
125	0.13	9.37
160	0.21	15.11
200	0.35	25.28
250	0.42	30.34
315	0.90	65.05
400	1.13	81.39
500	0.73	52.60

1/3 Octave Center Freq. (Hz)	Absorption Coefficient	Total Absorption (Sabins)
630	0.45	32.31
800	0.26	18.76
1000	0.22	15.53
1250	0.22	15.67
1600	0.24	17.00
2000	0.35	25.04
2500	0.62	44.46
3150	0.62	44.65
4000	0.36	26.06
5000	0.32	23.02
6300	0.43	31.00
8000	0.32	23.27
10000	0.25	18.11
12500	0.12	8.45

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