

SonoCon Flexible SOUND BARRIERS

Performance Data

PRODUCT GUIDE

SONO CON FLEXIBLE ACOUSTICAL BARRIERS are fabricated of rugged acoustical high-mass loaded vinyl sheet. Barriers consist of a limp composite manufactured with non-lead fillers, protective facings, or reinforced with internal high-strength fabrics.

Materials are available to match many acoustical and physical requirements. Reinforced barriers are used in applica-

tions requiring high strength and tear resistance. SONO CON standard flexible barriers withstand normal operating temperatures of -40° to 180° F (-40° to 82° C).

Options include barriers suitable for high temperatures, Class 1 Flammability environments, integrating into conventional constructions (e.g. wall septum), and exterior applications.

Sound Transmission Loss—Decibels (dB)

Panel type	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
N-50 0.50 lb	12	13	16	21	27	32	21
N-75 0.75 lb	12	14	19	24	30	36	24
N-100 1.00 lb	15	19	21	28	33	37	27
M-75 0.75 lb	12	14	19	24	30	36	24

M-75 Marine Barrier Bureau of Ships Mil-M-14G. Weight 0.75 PSF.

Standard and special panel constructions offer:

- **Light weight, readily configured and installed noise barriers.**
- **Corrosion resistant, cleanable, and non-toxic.**
- **Acoustical performance ratings obtained by independent laboratory tests: STC 20 to STC 31. (Composites of 0.50 to 2.00 PSF.)**
- **USDA acceptable, low flame spread, self-extinguishing.**



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