

Memtech Acoustical, LLC

Your Source for Noise Control Solutions

Memtech Acoustical, LLC
2175 Avon Industrial Dr.
Rochester Hills, MI 48309
Phone: 248-289-1123
Toll Free: 877-606-3940
Fax: 248-289-6317

Sales@memtechacoustical.com

Product Information



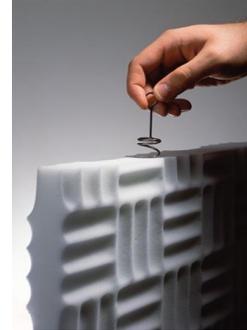
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Sonex Valueline Baffles

- Wall-to-wall hanging system saves labor time
- Easy installation
- Baffles reduce noise and reverberation (echo)

Applications:

- ✓ Gymnasiums
- ✓ Multipurpose rooms
- ✓ Large classrooms or music rooms
- ✓ Manufacturing facilities
- ✓ Warehouses
- ✓ Aquatic Centers and indoor pools



SONEX Valueline Baffles help improve communication and reduce echo/ reverberation in large open areas such as production plants, warehouses, gymnasiums and swimming pools.

SONEX Valueline Baffles absorb sound energy from multiple sources, reducing noise and reverberation throughout the environment. Made from pinta's willtec® foam, SONEX Valueline Baffles are Class 1 fire-rated for flame spread and smoke density. Resistant to fungus and microbial growth, they withstand the humid conditions of indoor swimming pools.

SONEX Valueline Baffles are field-fitted with stainless steel corkscrew hangers, making them easy to install over individual workstations or above an entire floor. Wall-to-wall cable installation is completed by sliding baffles into place from one side of the room, allowing activities to continue uninterrupted. Ceiling cable installation allows baffles to be arranged in box-like or crisscross patterns.

Physical data—willtec® foam

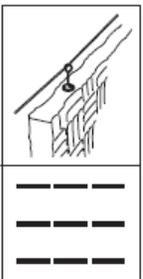
Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302°F
Fire Resistance	Class 1 per ASTM E 84 (all finishes) Meets UL 1715 (willtec natural)
Flame Spread per ASTM E 84	Natural: 5 HPC-coated: 15
Smoke Density per ASTM E 84	Natural: 50 HPC-coated: 150
Fungus Resistance	Rating 0 per ASTM G21
Microbial Growth	Passes UL 181, section 11
Finishes	Natural (white and light grey) or HPC-coated*

*Minimum order of 20 boxes.

Sound Absorption (In sabins) Test ASTM C423-90a

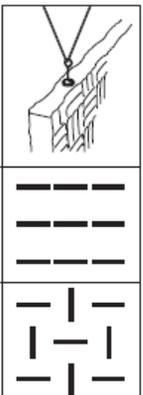
Frequency (Hz)	2" Thick, Natural	2" Thick, Painted
125	1.0	2.3
250	5.4	6.5
500	10.8	12.7
1K	16.3	19.7
2K	18.7	21.0
4K	24.0	21.0
Average sabins per baffle	12.7	15.0

Wall-to-Wall Cable Mount Installation



Recommended for large open areas where scaffolding would be disruptive, such as manufacturing floors or pools. Baffles are arranged parallel with each other.

Ceiling Mount Installation



Baffles hang from ceiling-mounted cables. Baffles can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees. Tests show that baffles arranged in this crisscross pattern perform slightly better than baffles hung in the same direction.