



SONEXcurtain™ **Barrier Septum (BS)** Product Information

- Absorptive layer on both sides
- Prevents sound transmission
- Rugged and durable
- Customizable

SONEXcurtains BS combine sound absorption and noise barrier properties into one product. An effective “sandwich” of layers, SONEXcurtain BS consists of quilted vinyl-faced layers of willtec® foam bonded on both sides of noise barrier material producing a curtain that both contains and absorbs noise. They are ideal for areas where noise sources are on both sides of the curtain.

SONEXcurtains BS are designed for use as noise barrier walls. They can be custom manufactured to integrate as a complete acoustical enclosure system giving access to machines or work cells. They are available in 25' rolls with finished or unfinished edges. Flexible barrier septum, high Sound Transmission Coefficients (STC), impressive Noise Reduction Coefficients (NRC) and tough, durable, washable facings make SONEXcurtain BS an excellent choice for effective noise control on any size project.

SONEXcurtains BS are easy to install. Curtain hardware, hanging mechanisms and configuration options include clear vinyl windows, grommets, hook and loop fasteners, doors and sliding tracks. The standard facing material is a vinyl-coated fabric in grey, white, tan or black.



Applications

- Use as acoustical divider between two noise sources or separate noisy areas from quieter spaces
- Keep noise out of offices adjoined to manufacturing areas
- Separate machine or work stations where both sides need sound absorption and noise containment
- Isolate and absorb noise around compressors, punch presses, vibratory bowls, granulators, turning machines or other noisy equipment
- Use as walls of acoustical enclosures or partitions in manufacturing areas
- Install as a liner for the interiors of pre-existing enclosures to further reduce noise levels
- Suitable for some outdoor applications

Other Products

pinta acoustic, inc. manufactures a broad range of acoustical materials including:

- CONTOUR® Ceiling Tiles
- HARMONI™ Ceiling Tiles
- WHITELINE® Ceiling Tiles
- SQUARELINE® Metal Ceiling Tiles
- BIOLINE™ Wood Ceiling Tiles
- SONEX® Baffles and Panels
- FABRITEC™ Wall Panels
- PROSPEC® Barriers, Foams and Composites
- PROSPEC Decibel Drop™ Viscoelastic Damping Compound
- pinta Ceiling Grid Systems

SONEXcurtain BS Product Specifications

Construction	One layer quilted willtec acoustical foam bonded to 1 lb./sq. ft. loaded vinyl barrier bonded to one quilted layer of willtec	
Facing Material	Standard: Vinyl-coated fabric (grey, white, tan, black) Optional: Hi-temp silicone-coated fabric, decorative cloth fabric or non-woven porous scrim fabric	
Surface Pattern	Diamond-quilted pattern or straight-stitch pattern	
Density	willtec foam: 0.7 lb./cubic ft.	Barrier: 1lb./sq. ft.
Flammability	Class 1 per ASTM E84	
Flame Spread	21	
Smoke Density	171	

Sound Absorption Coefficients

Type G Mounting ASTM C423-90	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
BS-1	0.21	0.51	0.74	1.19	0.61	0.31	0.75

Sound Transmission Data

ASTM E90-75 ASTM E413-73	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	STC
BS-1	15	19	21	24	42	48	25