

SONEX® Curtain Barrier Septum (BS) Product Information



SONEX® Curtain BS combines sound absorption and noise barrier properties in one product. An effective sandwich of layers, SONEX Curtain BS consists of quilted vinyl-faced layers of WILLTEC™ foam bonded on both sides of noise barrier material producing a curtain that contains and absorbs noise. It is ideal for areas where noise sources are on both sides of the curtain. SONEX Curtains 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.

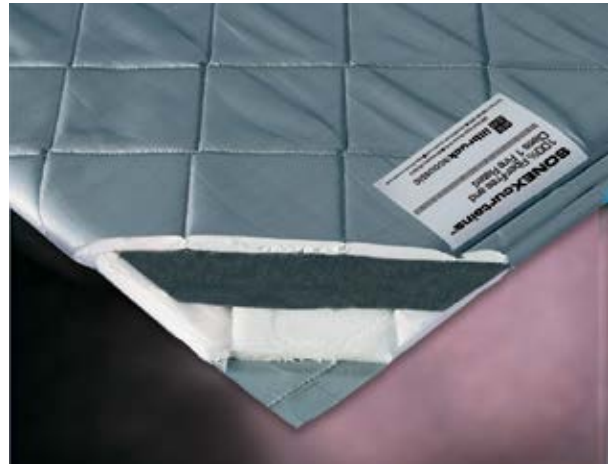
>> | Advantages

- Sound-absorbing layer on both sides
- Prevents sound transmission
- Rugged and durable
- Customizable
- Easy to install

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Product Information



Materials

- Standard facing material is a vinyl-coated fabric in grey, white, tan or black
- Curtain hardware, hanging mechanisms and configuration options include clear vinyl windows, grommets, hook and loop fasteners, doors and sliding tracks

Sizes

- 25' (7.62 m) rolls with finished or unfinished edges

Applications

- Acoustical divider between two noise sources or to 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 preexisting enclosures to further reduce noise levels
- Suitable for some outdoor applications

SONEX® Curtain 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 and 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./cu. ft. Barrier: 1lb./sq. ft.
Flammability	Class A per ASTM E84
Flame Spread	21
Smoke Density	171

Sound Absorption

	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 ATSM E413-73						
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
BS-1	15	19	21	24	24	48	25

>> Other Products

- Direct-Apply Ceiling and Wall Panels
- Suspended Ceiling Clouds and Baffles
- Suspended Grid Lay-in Panels
- Barriers, Foam and Composites

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