



- Absorbs and contains noise
- Easy access to machines
- Rugged and durable
- Customizable

SONEX® Curtain Barrier Backed (BB) Product Information

SONEX Curtain BB is a composite that features sound absorptive willtec® foam quilted with a vinyl facing on one side, bonded to a reinforced noise barrier material. This product provides both excellent sound transmission loss and sound absorption performance.

SONEX Curtain BB is ideal for use as barriers, independent walls, partitions or acoustical screens to isolate noisy machines or specific areas. The combination of barrier and willtec foam contains and absorbs noise in almost any manufacturing environment where durability and dependability are required.

SONEX Curtain BB can be custom manufactured to integrate as a complete acoustical enclosure system giving access to machines or work cells. They are also available in 25' rolls with finished or unfinished edges.

SONEX Curtains BB 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

- Isolate and absorb noise around compressors, punch presses, vibratory bowls, granulators, turning machines or other noisy equipment
- Custom made "acoustical jackets" on blowers, fans or compressor housing
- Separate workstations from noisy high-traffic areas
- Provide sound containment and absorption in noisy areas
- Suitable for some outdoor applications

SONEX Curtain BB Product Specifications

Construction	One or two layers quilted willtec® acoustical foam bonded to 1 lb./sq. ft. reinforced barrier	
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, embossed barrier	
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
BB-1	0.19	0.66	0.76	0.66	0.48	0.35	0.65

Sound Transmission Data

ASTM E90-75 ASTM E413-73

	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	STC
BB-1	15	18	22	30	42	48	27



PES (UK) LIMITED

UNIT 1 WATLING CLOSE,
SKETCHLEY MEADOWS BUSINESS PARK,
HINCKLEY, LEICESTERSHIRE LE10 3EZ
TEL: +44 (0) 1455 251 251
FAX: +44 (0) 1455 251 252
EMAIL: SALES@PESUKLTD.COM

www.pesukltd.com



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



SONEX® Curtain Barrier Septum (BS) Product Information

SONEX Curtains BS combine sound absorption and noise barrier properties into 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 both contains and absorbs noise. They are 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. 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 SONEX Curtain BS an excellent choice for effective noise control on any size project.

SONEX Curtains 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

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, 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



PES (UK) LIMITED

UNIT 1 WATLING CLOSE,
SKETCHLEY MEADOWS BUSINESS PARK,
HINCKLEY, LEICESTERSHIRE LE10 3EZ
TEL: +44 (0) 1455 251 251
FAX: +44 (0) 1455 251 252
EMAIL: SALES@PESUKLTD.COM

www.pesukltd.com