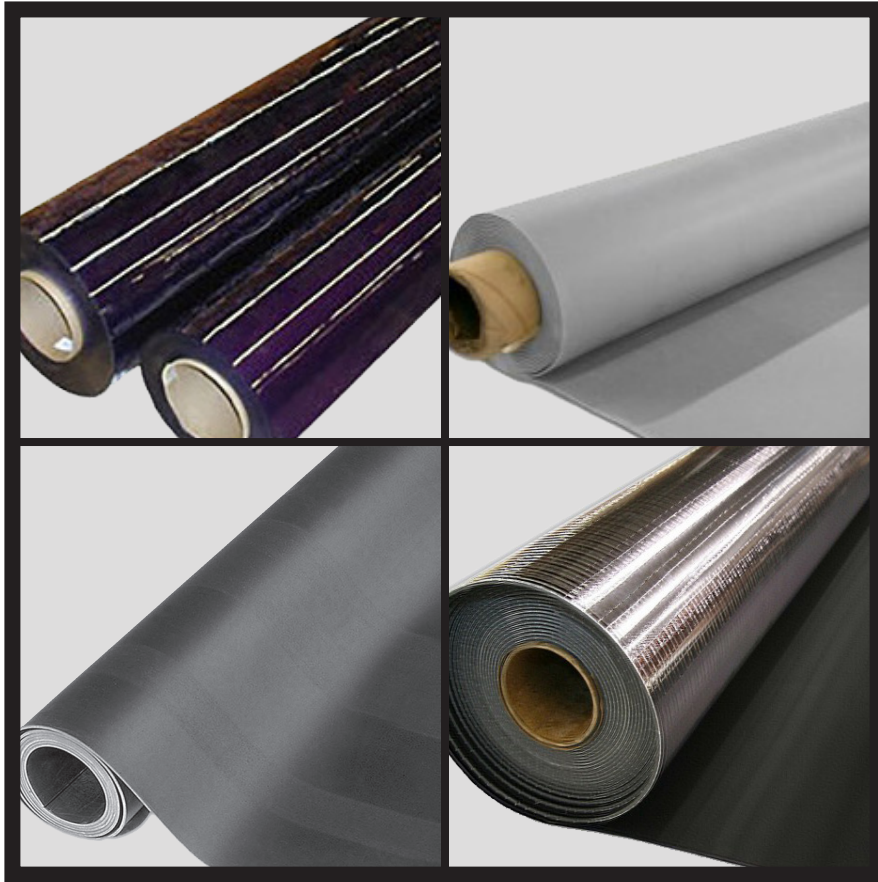




SOUND CURTAINS

BY SOUND SEAL

FLEXIBLE NOISE BARRIERS



Sound Seal's Flexible Noise Barriers are available in a variety of styles to meet a multitude of applications.

FLEXIBLE NOISE BARRIER FEATURES:

- Loaded vinyl noise barriers • Reinforced, non-reinforced, transparent and foil-faced lag styles
- Mass loaded barriers from 1/2lb. to 2lbs. per square foot • Acoustical ratings: STC-20 through STC-31
- Limp, flexible, formable, versatile • High tear and tensile strength • Economical
- For industrial, commercial, residential and OEM applications • Easy to install

NON-REINFORCED BARRIERS:

B-10NR

- 1 lb. PSF non-reinforced loaded vinyl noise barrier
- Low-cost, often used between dry wall and stud construction to substantially improve transmission loss between rooms (see photo)
- Used as the barrier septum material in acoustical curtain and foam composites
- Easy to cut and install
- Used underneath carpeting to improve transmission loss of floor
- Used as a noise barrier ceiling tile (typically in conjunction with a fiberglass decoupler) above standard suspended ceiling systems
- Color: Black
- STC-26

B-5NR

- 1/2 lb. PSF version of B-10NR
- Used where weight restrictions require a lighter weight barrier
- STC-20

B-20NR

- 2 lb. PSF version of the above
- For applications requiring greater noise reduction, especially at lower frequencies
- STC-31



REINFORCED BARRIERS:

B-10R

- 1 lb. PSF reinforced loaded vinyl noise barrier
- High-strength polyester fabric reinforcement is utilized in the center of the barrier to dramatically improve its durability, tear and hanging strength
- Excellent outdoor UV and weather resistance
- Easy to cut and install
- Used as a free hanging acoustical curtain panel, typically with grommets at the top and hook and loop fasteners along each edge (see photo)
- When used in combination with a quilted fiberglass sound absorber, (BBC-1 3, BBC-1 3-2" F) can offer STC ratings up to 32
- Standard color is gray, tan and blue are also available
- STC-26

B-5R

- 1/2 lb. PSF reinforced loaded vinyl
- Same properties as B-10R, utilized where weight restrictions require a lighter weight material
- STC-20



PIPE & DUCT LAGGING:

B-10 LAG

- 1 lb. PSF reinforced-foil faced loaded vinyl noise barrier
- Acoustical wrap for noisy pipes, duct work, valves, heat exchangers
- Easy to cut, wrap and install with matching log tape
- May be combined with quilted fiberglass decoupler to improve acoustical performance, thermal conductivity and lower installation costs
- Class A flammability rating requirements per ASTM E-84
- Durable reinforced foil facing serves as protective jacket as well as readily accepts matching tape



CLEAR VINYL BARRIERS:

- Flexible transparent barrier materials offer significant noise reduction while allowing for visibility and easy access
- Also utilized to reduce heat and cold loss between areas
- Often utilized as a view window in Sound Seal Acoustical Curtain Panels
- CV strip doors are often incorporated into Acoustical Curtain Enclosures for easy access
- Mounting angles and hardware are also available
- **Furnished in three standard products:**

B-5 CV

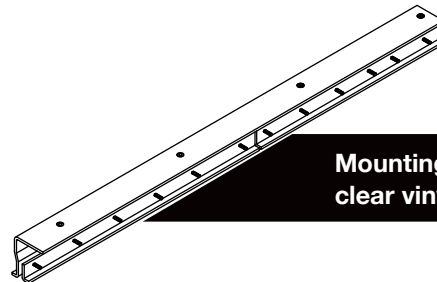
- 1/2 lb. PSF
- 8" wide strips
- 48" wide sheets
- Custom-sized fabrications

B-7.5 CV

- 3/4 lb. PSF
- 12" wide strips
- 48" wide sheets
- Custom-sized fabrications

B-10 CV

- 1 lb. PSF
- 16" wide strips
- 48" wide sheets
- Curtain panels with grommets at top and velcro edges
- Custom-sized window covers



Mounting angle for clear vinyl strip doors



SPECIALTY BARRIERS & OPTIONS:

- Marine Barriers
- PSA Adhesive Options
- Die Cutting
- OEM Capabilities
- Class A Fire Rated

ACOUSTICAL DATA:

Noise Transmission Loss (dB) per Octave Band (Hz)							
Barriers	125	250	500	1000	2000	4000	STC
2 lb. PSF	16	22	26	32	35	40	31
1 lb. PSF	13	17	22	26	32	37	26
3/4 lb. PSF	11	16	20	25	30	34	23
1/2 lb. PSF	8	13	17	22	27	31	20

Per ASTM E90 (90A)

Physical Properties					
Product	Nominal Thickness (inches)	Nominal Weight (lb/sq. ft.)	Description	Roll Size	Additional Details
B-10 NR	.107	1.0	Non-Reinforced	54" W x 60' L	See Bulletin SS-101
B-5 NR	.042	.5	Non-Reinforced	54" W x 60' L	See Bulletin SS-101
B-20 NR	.225	2.0	Non-Reinforced	54" W x 60' L	See Bulletin SS-101
B-10 R	.090	1.0	Reinforced	54" W x 60' L	See Bulletin SS-101
B-5 R	.050	.5	Reinforced	54" W x 60' L	See Bulletin SS-101
B-10 LAG	.090	1.0	Foil Faced	54" W x 30' L	See Bulletin SS-105
B-10 CV	.160	1.0	Transparent	16" W x 100' L x 48" W x 60' L	See Bulletin SS-102
B-7.5 CV	.120	.75	Transparent	12" W x 200' L x 48" W x 60' L	See Bulletin SS-102
B-5 CV	.080	.5	Transparent	8" W x 300' L x 48" W x 60' L	See Bulletin SS-102
B-10 MB	.100	1.0	Marine Barrier	38" W x 45' L	See Bulletin SS-104

Additional information on tensile, breaking and tear strengths, elongation, chemical resistance, flammability, etc. available upon request. The test results reported were obtained using standard laboratory procedures recognized by the technical community. The data is valid as a measurement of the material under specific controlled test conditions. However, this data does not represent an accurate indicator of the performance of the material or of the hazards which may exist under actual field conditions.

