

Single Barrier

2" thick sound absorbing material facing the noise source and one layer of **sound blocking material** behind it.



Features of the **Retractable** Construction:

- Hung on a galvanized Track system with trolley hooks
- Front side has 2" thick sound absorbing material
- Back side has sound blocking material
- Weight per s/f: 1.6 lbs.
- Accordion fold width: 13.5"
- 10 ft. wide curtain retracts to 12" thick accordion fold
- Bottom edge; removable floor sweep, regular edge or grommets

Front side fabric available in:

Acoustic Fabric

Highest absorption
Up to 25' high

PVC coated mesh

Medium absorption
Up to 25' high

Solid vinyl

Lowest absorption
Up to 25' high

Please note: Retractable panels higher than 15' will be cumbersome, but not impossible, to retract.



Features of the **Stationary** Construction:

- Hung on Unistrut or directly to beam with beam clamps
- Multiple grommets on top edge to distribute the weight load.
- Front side has 2" thick sound absorbing material
- Back side has sound blocking material
- Weight per s/f: 1.6 lbs.
- See available width and heights below
- Bottom edge options: removable floor sweep, regular edge or grommets

Front side fabric available in:

Acoustic Fabric

Highest absorption
Up to:
20' H 27" W

PVC coated mesh

Medium absorption
Up to:
12' H 54" W
25' H 27" W
30' H 18" W

Solid vinyl

Lowest absorption
Up to:
12' H 54" W
25' H 27" W
30' H 18" W



Exterior Material:

UV, Anti-mildew, Fire
Rating: ASTM E-84 Class A

Acoustic Cloth Fabric:



Additional colors are available upon request. Some require longer lead time depending on quantity.

PVC Coated Mesh:



Single Barrier

STC (Sound Transmission Coefficient for speech level)

HERZ	125	250	500	1000	2000	4000	Average Transmission Loss
TRANS LOSS	14	18	28	42	50	46	34.5 dB

STC Rating: 31

NRC (Noise Reduction "absorption" Coefficient)

HERZ	125	250	500	1000	2000	4000	NRC
Scale 0-1	0.31	0.65	0.91	0.95	0.92	0.84	0.85

The individual materials that make up our Industrial Curtain / Panel have each been tested in a laboratory setting. Your actual measured decibel levels after installation of our products may vary due to the size, configuration of the room. Additionally, the surfaces inside the room may impact the net result / db reduction.

To achieve a **better absorption level** we recommend hanging the retractable acoustic curtain panels in a slight **accordion pattern** to give the sound more surfaces and nooks to get lost in.

To **increase** your NRC we recommend that you choose the **soft acoustic fabric** facing the noise source. Additionally hanging some sound absorbing baffles onto the ceiling, wall or corners would reduce the NRC as well. As more sound gets absorbed, less will be have to be blocked by the curtains.

The **decibel loss** you can reach depends also on the **cubic feet of your enclosure**, **the existing decibel level**, **the frequency of the sound** and if there are other **hard or soft surfaces** in the room such as walls, windows, shelves, machinery and flooring.

Pro Tip: Acoustic baffles can be used as standalone products, or in conjunction with other AmCraft acoustic curtain products in order to boost the sound absorption and overall noise reduction experienced in a given space.



Free Hanging Baffle



Ceiling Baffle



Flat Wall Baffle



Hybrid Baffle



Corner Baffle

With our wide array of baffle options, we are sure to have the right solutions for you!

Exterior Material:

UV, Anti-mildew, Fire

Rating: ASTM E-84 Class A.

14 oz. PVC Coated Polyester
Colors Available:



Upgrade to a IMPACT Material

16 oz. PVC Coated Polyester
Colors Available:

