

QBS-1

SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The barrier septum configuration offers the benefits of both sound absorbers and noise barriers. The **QBS-1** blanket by NetWell consists of a non-reinforced 1 lb-psf loaded vinyl noise barrier sandwiched between two layers of 1" thick acoustical fiberglass sound absorbers, each quilted with a vinyl-coated-fiberglass-cloth facing.



FEATURES:

- Ideally suited as a wall liner or free-hanging divider
- Superior durability
- Long life span
- Class A fire rated
- Custom sizes available

APPLICATIONS:

- Lining walls and/or ceilings to reduce noise levels within a room and reduce sound transmission outside the room
- Free-hanging noise barriers or partitions
- Curtain panels for acoustical enclosures

controlnoise.com/qbs-blankets



DESCRIPTION

Vinyl coated fiberglass cloth faced
1" quilted fiberglass sound absorber /
1 lb-psf non-reinforced loaded vinyl
noise barrier / Vinyl coated fiberglass
cloth faced 1" quilted fiberglass sound
absorber

WEIGHT

1.43 lb-psf

NOMINAL THICKNESS

2.0 inch

SIZES

Panels available in any custom size up
to 4' x 25'. Also available in 4' x 25' rolls
with edges bound or unbound.

TEMPERATURE RANGE

-20° to +180° F

FLAMMABILITY

Flame spread: 22.78
Smoke density: 30.56

AVAILABLE COLORS

Black, Gray, White or Tan

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBS-1	12	16	27	40	44	43	29

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBS-1	0.45	0.96	0.87	0.66	0.47	0.30	0.75

ASTM E-90 & E 413

HARDWARE AND INSTALLATION

QBS-style panels are constructed with grommets across the top edge and Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included.

For direct attachment to walls, you can use screws and fender washers. Anchors or furring strips may be required for additional support. On drywall, we recommend securing to wall studs or a furring strip. On block, brick, or concrete walls, we recommend masonry screws (e.g., Tapcon). For suspension, you can use hooks or heavy-duty zip-ties. For more options, inquire about our floor mount, wall mount, ceiling mount or suspended track framing systems.

QBS-2

SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The barrier septum configuration offers the benefits of both sound absorbers and noise barriers. The **QBS-2** blanket by NetWell consists of a non-reinforced 1 lb-psf loaded vinyl noise barrier sandwiched between two layers of quilted acoustical fiberglass, each faced with a vinyl-coated-fiberglass-cloth. One side has a 2" thick quilted layer to face the noise source for maximum sound absorption. The other side has a 1" thick quilted layer to act as a decoupler against a wall.



FEATURES:

- Ideally suited as a wall liner
- Superior durability
- Long life span
- Class A fire rated
- Custom sizes available

APPLICATIONS:

- Line the walls and/or ceiling of a mechanical room or building to reduce noise levels both inside and outside of the room or building

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WEIGHT
1.7 lb-psf

TEMPERATURE RANGE
-20° to +180° F

DESCRIPTION

Vinyl coated fiberglass cloth faced 2" quilted fiberglass sound absorber / 1 lb-psf non-reinforced loaded vinyl noise barrier / Vinyl coated fiberglass cloth faced 1" quilted fiberglass sound absorber

NOMINAL THICKNESS
3.0 inch

FLAMMABILITY
Flame spread: 22.78
Smoke density: 30.56

SIZES
Panels available in any custom size up to 4' x 25'. Also available in 4' x 25' rolls with edges bound or unbound.

AVAILABLE COLORS
Black, Gray, White or Tan

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBS-2	13	20	29	40	50	55	32

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBS-2	0.49	0.99	0.96	0.80	0.57	0.33	0.85

ASTM E-90 & E 413

HARDWARE AND INSTALLATION

QBS-style panels are constructed with grommets across the top edge and Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included.

For direct attachment to walls, you can use screws and fender washers. Anchors or furring strips may be required for additional support. On drywall, we recommend securing to wall studs or a furring strip. On block, brick, or concrete walls, we recommend masonry screws (e.g., Tapcon). For suspension, you can use hooks or heavy-duty zip-ties. For more options, inquire about our floor mount, wall mount, ceiling mount or suspended track framing systems.

QBS-3

SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The barrier septum configuration offers the benefits of both sound absorbers and noise barriers. The **QBS-3** blanket by NetWell consists of a non-reinforced 2 lb-psf loaded vinyl noise barrier sandwiched between two layers of 1" thick acoustical fiberglass sound absorbers, each quilted with a vinyl-coated-fiberglass-cloth facing.



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FEATURES:

- Ideally suited as a wall liner or free-hanging divider
- Superior durability
- Long life span
- Class A fire rated
- Custom sizes available

APPLICATIONS:

- Lining walls and/or ceilings to reduce noise levels within a room and reduce sound transmission outside the room
- Free-hanging noise barriers or partitions
- Curtain panels for acoustical enclosures



WEIGHT
2.5 lb-psf

TEMPERATURE RANGE
-20° to +180° F

DESCRIPTION

1" vinyl faced quilted fiberglass / 2 lb-psf non-reinforced loaded vinyl barrier / 1" vinyl faced quilted fiberglass

SIZES
Panels available in any custom size up to 4' x 25'. Also available in 4' x 25' rolls with edges bound or unbound.

FLAMMABILITY
Flame spread: 22.78
Smoke density: 30.56

NOMINAL THICKNESS
2.0 inch

AVAILABLE COLORS
Black, Gray, White or Tan

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBS-3	19	22	28	40	56	61	33

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBS-3	.18	.62	.89	.84	.60	.45	.75

ASTM C 423

HARDWARE AND INSTALLATION

QBS-style panels are constructed with grommets across the top edge and Velcro seals along the vertical edges for connecting multiple panels together to form a continuous barrier. Corner seals are also available. Hardware is not included.

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QBS-HT

HIGH TEMP SOUND BARRIER BLANKETS



ABSORB AND BLOCK SOUND WAVES

The barrier septum configuration offers the benefits of both sound absorbers and noise barriers. The **QBS-HT** blanket by NetWell consists of a non-reinforced 1 lb-psf loaded vinyl barrier sandwiched between two 1" thick absorbers faced with a silicone-coated-fiberglass-cloth.



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FEATURES:

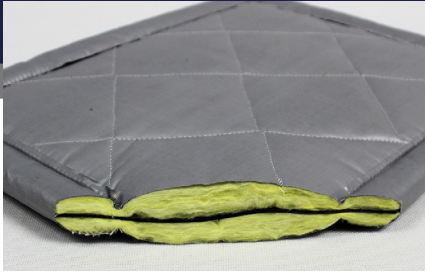
- Ideally suited as a wall liner or free-hanging divider
- Superior durability
- Long life span
- Class A fire rated
- Silicone-faced for maximum flammability resistance
- Custom sizes available

APPLICATIONS:

- Curtain panels in acoustical enclosures
- Separator walls or divider partitions between noise sources
- Lining the perimeter walls of a building

Silicone-faced composites are used:

- When the product may be subjected to high temperature, sunlight, water, or oil
- For outdoor applications where maximum UV resistance is required



DESCRIPTION

Silicone coated fiberglass cloth facing on 1" quilted fiberglass / 1 lb-psf non-reinforced loaded vinyl barrier / Silicone coated fiberglass cloth facing on 1" quilted fiberglass

WEIGHT

1.42 lb-psf

NOMINAL THICKNESS

2.0 inch

SIZES

Panels available in any custom size up to 4' x 25'. Also available in 4' x 25' rolls with edges bound or unbound.

TEMPERATURE RANGE

-90° to +450° F

FLAMMABILITY

Flame spread: 4.017

Smoke density: 19.209

AVAILABLE COLORS

Gray

ACOUSTICAL PERFORMANCE

Sound Transmission Loss: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	STC
QBS-HT	12	16	27	40	44	43	29

ASTM E-90 & E 413

Sound Absorption Data: Octave Band Frequencies (Hz)

Product	125	250	500	1K	2K	4K	NRC
QBS-HT	.45	.96	.87	.66	.47	.30	.75

ASTM E-90 & E 413

HARDWARE AND INSTALLATION

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