

### QBV-1 Noise Barrier/Sound Absorber Composite

NetWell's QBV-1 blanket offers the benefits of a noise barrier and a sound absorber. The QBV-1 consists of a reinforced 1-lb psf loaded vinyl noise barrier bonded to a 1" fiberglass that is quilted with a vinyl-coated-fiberglass-cloth facing. Panels are constructed with grommets across the top and Velcro along the vertical edges. Rolls are available 54" wide x 25' long and can be supplied with edges bound or unbound.



- Class A flammability rated per ASTM E84
- Available facing colors: gray, tan, or black
- Available barrier colors: gray, tan, blue or olive

#### Applications:

Typically used as modular curtain panels in acoustical curtain enclosures where abuse resistance and excellent durability is required. Also used as sliding acoustical doors, durable acoustical jacket on fans or as sound curtain panels on outdoor construction projects. This composite material absorbs sound within an enclosed space and reduces the transmission of noise from that space.

#### Product Data:

<b>Description</b>	Vinyl coated fiberglass cloth facing quilted on 1" fiberglass/ 1lb-psf reinforced loaded vinyl barrier
<b>Flammability</b>	Flame Spread: 23.0 Smoke density: 30.0
<b>Nominal thickness</b>	1.0 inch
<b>Temperature range</b>	-20° to +180° F
<b>Standard Roll size</b>	54" wide x 25' long
<b>Weight</b>	1.22 lbs. psf

#### Acoustical Performance:

##### Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
QBV-1	11	16	24	30	35	35	27

ASTM E-90 & E 413

##### Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
QBV-1	.12	.47	.85	.84	.64	.62	.70

ASTM C 423

Spec Data Sheet

**QBV-2**

Noise Barrier + Sound Absorption

**QBV-2 Noise Barrier/Sound Absorber Composite**

QBV-2 offers the benefits of both a noise barrier and a sound absorber in one composite product. The QBV-2 consists of a two-inch thick vinyl-coated-fiberglass-cloth faced quilted fiberglass that is bonded to a one-pound per sq. ft. reinforced loaded vinyl barrier. Curtain panels are constructed with grommets across the top and Velcro seals along the vertical edges. Rolls are available 54" wide x 25' long and can be supplied with edges bound or unbound. (Note: barrier is 54" wide, quilt is 48" wide and is held 3" in from each vertical edge.)



- Class A (or 1) flammability rated per ASTM E- 84
- Available facing colors on quilt: gray, tan, black or off-white
- Available barrier colors: gray, tan, blue or olive drab

**Applications:**

Typically used as modular curtain panels in acoustical curtain enclosures where abuse resistance or excellent durability as well as maximum noise reduction is required. Also used as sliding acoustical doors, durable acoustical jacket on fans or as a temporary noise barrier on outdoor construction projects.

**Product Data:**

<b>Description</b>	Vinyl coated fiberglass cloth facing on 2" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier
<b>Flammability</b>	Flame Spread: 23.0 Smoke density: 30.0
<b>Nominal thickness</b>	2.0 inches
<b>Temperature range</b>	-20° to +180° F
<b>Standard Roll size</b>	54" wide x 25' long
<b>Weight</b>	1.43 lb psf

**Acoustical Performance:**

Product	Sound Transmission Loss						STC
	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	
QBV-2	13	20	29	40	50	55	32

ASTM E-90 & E 413

Product	Sound Absorption Data						NRC
	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	
QBV-2	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423