

Spec Data Sheet

**BBC-SERIES**  
NOISE BARRIERS/SOUND ABSORBER COMPOSITES

**BBC-15-2" Acoustical Composite Wrap**

Sound Seal's BBC-15-2" Acoustical Composite Wrap offers the benefits of a noise barrier and a sound absorber / decoupler in one product. It consists of a two-inch thick nonwoven porous scrim faced quilted fiberglass that is bonded to a reinforced 1-lb psf loaded vinyl noise barrier. Custom fabricated pieces are available with grommets and/or Velcro seals. Rolls are available 54" wide x 30' long and can be supplied with edges bound or unbound. Suitable for indoor or outdoor applications.

- Our most durable outdoor pipe & duct wrap
- Available barrier colors: gray, tan, blue, olive drab
- Class A Flammability rated per ASTM E84



**Applications:**

Used anywhere a durable, removable acoustical wrap or jacket is recommended to increase the sound transmission loss of a fan housing, blower, piping or piece of machinery. Also typically used to wrap valves or VAV boxes in HVAC applications. Used on applications requiring excellent UV and weather resistance on outdoor acoustical lagging projects.

**Product Data:**

<b>Description</b>	Scrim facing on 2" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier
<b>Flammability</b>	Flame Spread: 5.07 Smoke density: .45
<b>Nominal thickness</b>	2.0 inches
<b>Temperature range (barrier)</b>	-20° to +180° F
<b>Roll size</b>	54" wide x 30' long
<b>Weight</b>	1.45 lb psf

**Acoustical Performance:**

**Sound Transmission Loss**

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BBC-15-2"	13	20	29	40	50	55	32

ASTM E-90 & E 413

**Sound Absorption Data**

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BBC-15-2"	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423