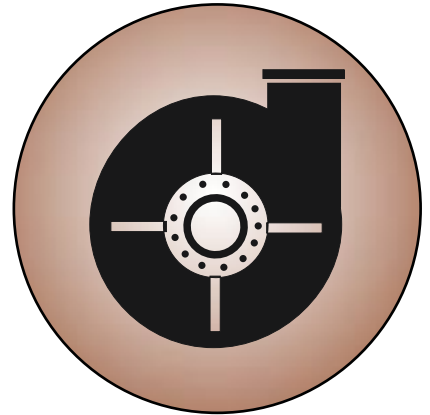
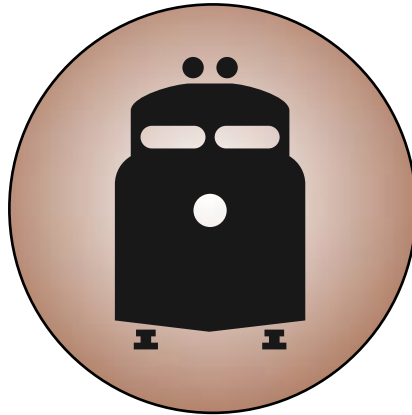


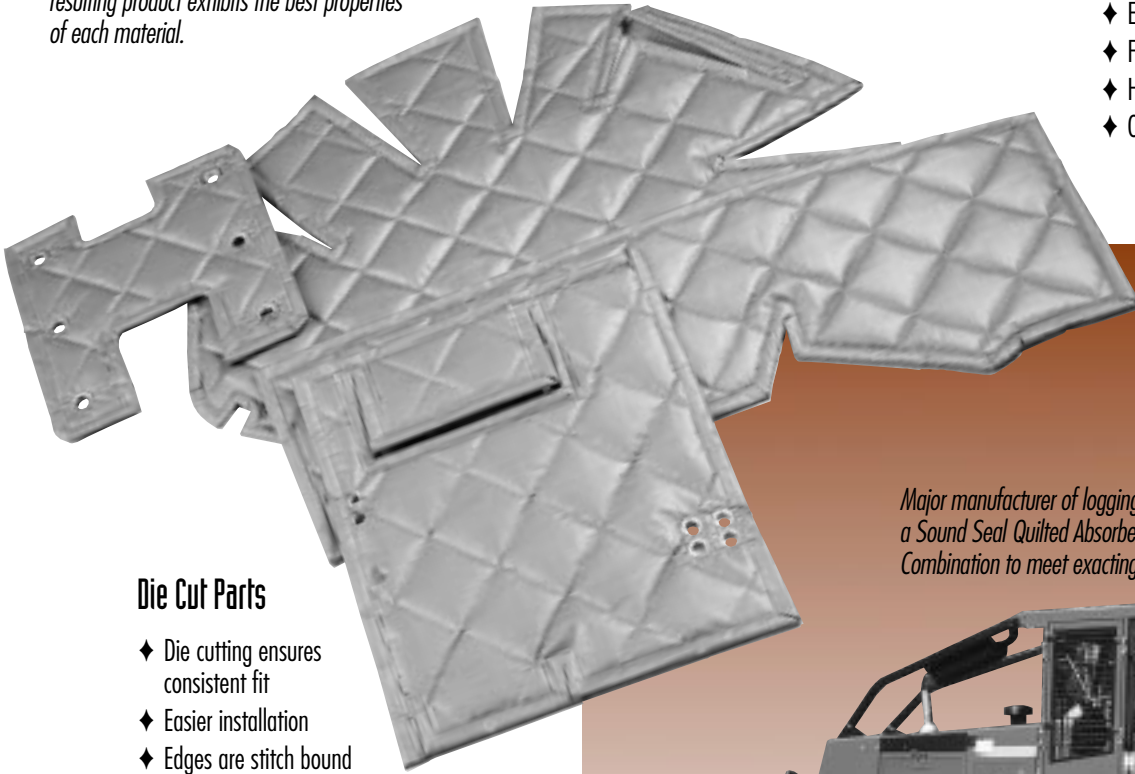
Quilted  
Fiberglass  
Absorbers



**OEM**



*Sound Seal® Barrier and Quilted Fiberglass Absorber Combinations are used for original equipment, industrial, and architectural applications wherever both sound absorption or barriers, alone, are inadequate to satisfy noise reduction objectives. When individual components are configured as a composite, they retain many of their original characteristics, and generally, the resulting product exhibits the best properties of each material.*



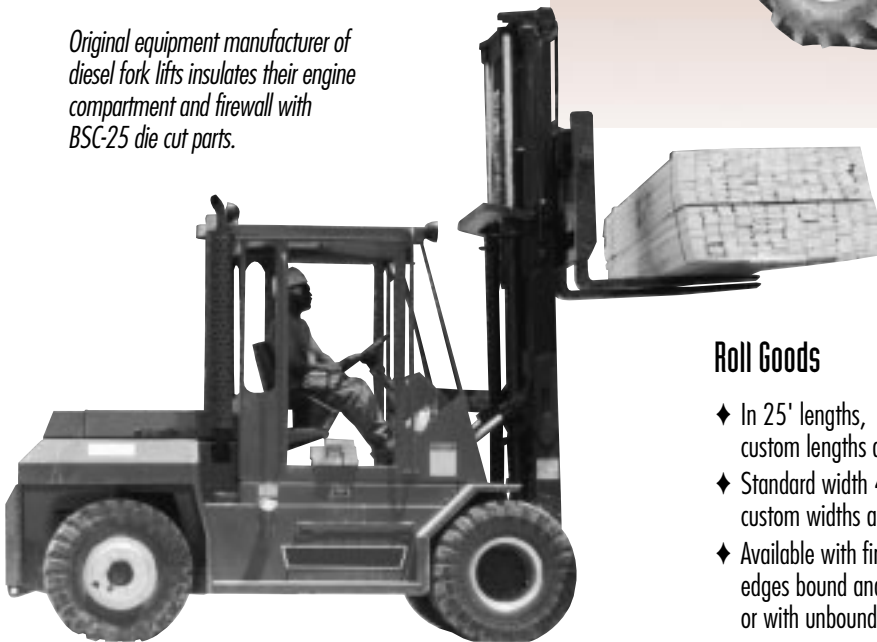
### Die Cut Parts

- ◆ Die cutting ensures consistent fit
- ◆ Easier installation
- ◆ Edges are stitch bound

*Major manufacturer of logging equipment specifies a Sound Seal Quilted Absorber and Barrier Combination to meet exacting noise requirements.*



*Original equipment manufacturer of diesel fork lifts insulates their engine compartment and firewall with BSC-25 die cut parts.*



### Roll Goods

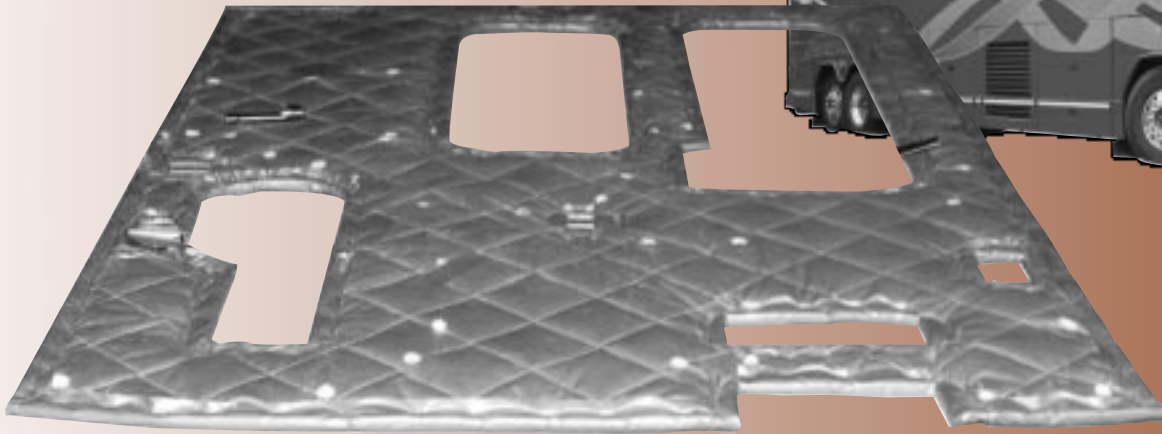
- ◆ In 25' lengths, custom lengths available
- ◆ Standard width 48", custom widths available
- ◆ Available with finished edges bound and sewn, or with unbound edges



### Applications

- ◆ Machinery housings
- ◆ Electrical cabinets
- ◆ Engine compartments
- ◆ Equipment enclosures
- ◆ Firewalls
- ◆ Hoods
- ◆ Operator cabs

Many motorcoach manufacturers utilize BSC-25 on the firewall, to abate both interior noise levels and federally mandated pass-by requirements.



### Features:

- ◆ Excellent low frequency absorption
- ◆ Low smoke and flame
- ◆ Extremely long service life
- ◆ Glue-on backings or mechanical fasteners available



School bus manufacturer insists on BBC-8, in the doghouse, to meet their demanding criteria for both noise reduction and minimal flame and smoke emissions.



Major OEM of centrifugal and positive displacement blowers utilize BBC-13-2" as a custom acoustical lag to dramatically reduce their high noise levels.

The most effective noise reduction products combine both sound absorption and noise barrier properties. Tested under strict compliance to appropriate ASTM standards, we offer the following results.

### Acoustical Data:

Sound Transmission Loss (dB) Octave Band Center Frequencies (Hz)									
Curtain Product	Thickness (In./Nom.)	Wt. Lb./S.F.	125	250	500	1000	2000	4000	STC
BBC-13-2"	2	1.5	13	20	29	40	50	55	32
BBC-13	1	1.3	11	16	24	30	35	35	27
BSC-25-2B	2	2.5	19	22	28	40	56	61	33
BSC-25	2	1.5	12	16	27	40	44	43	29
BSC-31	2	1.5	12	16	23	33	38	39	27
BSC-25-RP	2.5	2.6	19	20	28	42	56	62	31

Per ASTM: E 90

Sound Absorption Data-Absorber Component Random Incident Sound Absorption							
	Octave Band Center Frequencies (Hz)						
	125	250	500	1000	2000	4000	NRC
BBC Products 1" th.	.12	.47	.85	.84	.64	.62	.70
BBC Products 2" th.	.07	.27	.96	1.13	1.08	.99	.85
BSC Products 2" th.	.19	.99	.96	.80	.57	.33	.85

Per ASTM: C 423

### Flammability Ratings:

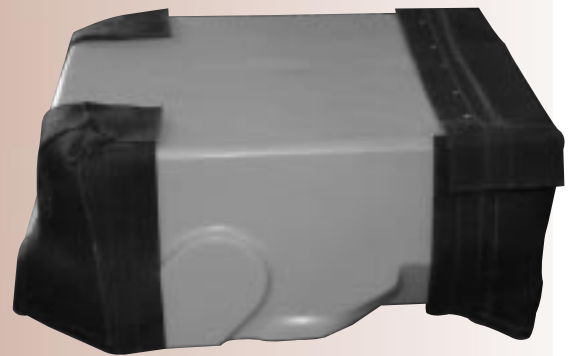
Product	Description	Flame Spread	Smoke Density
BSC-25	Vinyl faced 1" quilted fiberglass on both sides of a 1 lb. PSF non-reinforced loaded vinyl noise barrier septum	23	30
BSC-26	Silicone faced 1" quilted fiberglass on both sides of a 1 lb. PSF non-reinforced noise barrier septum	4	19
BSC-24	Scrim faced 1" quilted fiberglass on both sides of a 1 lb. PSF non-reinforced noise barrier septum	5	1
BBC-8	Silicone faced 1" quilt on one side of a 1 lb. PSF non-reinforced loaded vinyl noise barrier	14	16
BBC-13-2"	Vinyl faced 2" quilt on one side of a 1 lb. reinforced loaded vinyl noise barrier	23	12
BBC-13	Vinyl faced 1" quilt on one side of a 1 lb. reinforced loaded vinyl noise barrier	23	30
BBC-14	Silicone faced 1" quilt on one side of a 1 lb. reinforced loaded vinyl noise barrier	4	19

Above table shows flame spread and smoke density ratings per ASTM Designation E84; Surface Burning Characteristics of Building Materials.

Selected products meet ASTM E-162 (Flame Spread) and E-662 (Smoke Density) criteria.



Engine compartment treatment for Marine application.



Oil pan treatment, OFF-Highway Construction Equipment.

Distributed By



50 H. P. Almgren Drive  
 Agawam, MA 01001  
 TEL: 413.789.1770  
 FAX: 413.789.2248  
 e-mail: sales@soundseal.com  
 www.soundseal.com