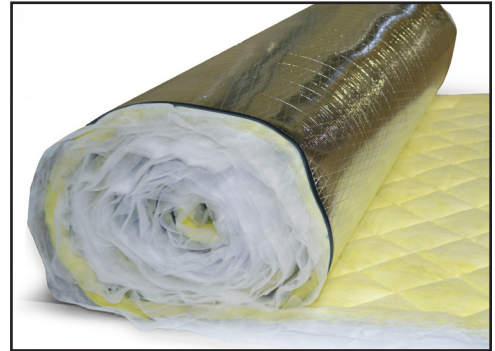


DATA SHEET

soundsulate™ Noise Barrier is a flexible, mass loaded vinyl laminated to a quilted fiberglass decoupler on one or both sides. The combination forms a thin, light-weight acoustical product that displays excellent mechanical properties, while providing superior sound transmission loss.

Sound waves originating from the source will initially be absorbed by the fiberglass and then blocked by the mass loaded vinyl. Any reflected sound wave component will be further dissipated into the fiberglass absorber.

soundsulate™ is also available with an added outer finish of scrim reinforced foil on one side. soundsulate™ has been used extensively as a sound absorbing liner by original equipment manufacturers on their machinery housings, compartments, enclosures, walls, etc.



Standard Roll Size by Density

S1-100	(1 lb/sq. ft.)	54" x 30'
S1-200	(2 lb/sq. ft.)	54" x 15'
S2-100	(1 lb/sq. ft.)	54" x 30'
S2-200	(2 lb/sq. ft.)	54" x 15'

Note: VP1 = 1" quilted fiberglass

VP2 = 2" quilted fiberglass

Acoustical Properties (Noise Transmission Loss (dB)/Frequency (Hz):

Hz	125	250	500	1000	2000	4000	STC
S1-100	18	18	23	30	39	46	29
S2-100	19	20	23	33	44	53	30
S1-200	20	23	28	37	48	56	32
S2-200	21	24	29	41	54	68	34

* Per ASTM E-90

Typical Physical Properties of Components:

Product	Weight	Thickness	Service Temp.	Tensile Strength	Tear Strength	Elongation
FF-100	1 lb/sq. ft.	.10"	40° F to 180° F	400 psi	70 lbs/in.	200%
1" Fiberglass Decoupler	.2 lb/pcf	1"	-20° F to 350° F	NA	NA	NA
2" Fiberglass Decoupler	.4 lb/pcf	2"	-20° F to 350° F	NA	NA	NA

soundsulate™ Noise Barrier, per ASTM E-84 "Surface Burning Characteristics of Building Materials," meets Class A Rating.

For more information on BRB Products, please call 888.936.1110 or visit us online at burningriverbuys.com.



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