

SilentWrap™ with Lag

SilentWrap™ with Lag is a multi-purpose composite material, primarily used to wrap HVAC ducts. It features a flexible SilentWrap™ barrier laminated to an insulating and acoustic Quilted Fiberglass Decoupler on one side and a protective layer of Foil Scrim Kraft on the other.

The fiberglass is available in 1# and 2# variations, providing both thermal and vibration insulation. This combination forms a thin, lightweight acoustical product that provides superior sound transmission loss. The Foil Scrim Kraft outer layer is also a fire rated product and can be used in many applications.

Applications

- HVAC ducts
- In wall pipes
- Between room crosstalk
- Exhaust vents
- Heat exchangers
- Iron, Steel and PVC piping
- Fans / blowers
- Valves

Features

- Easy to cut and install
- Flexible and easy to wrap around ducts and pipes
- Class A flammability rated
- Roll size 54" x 30"
- Reinforced-foil faced MLV (Mass Loaded Vinyl) noise barrier
- Quilted fiberglass acoustical absorber
- STC rating of 29 and 30

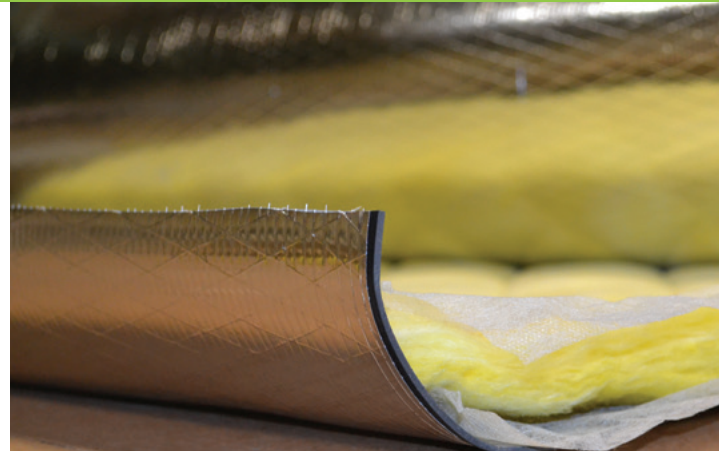
Other acoustical products available from Sound Acoustic Solutions:

SilentCeiling Black™ (black fiberglass ceiling tiles)

SilentWrap™ (mass-loaded vinyl)

SilentFiber™ Wall Panels (sound absorption wall panels)

SilentCurtain™ (noise barrier products)



Standard Roll Size by Density

SW LAG1	(1 lb/sq. ft.)	54" x 30'
SW LAG2	(1 lb/sq. ft.)	54" x 30'

For more information, please visit us at
www.SoundAcousticSolutions.com

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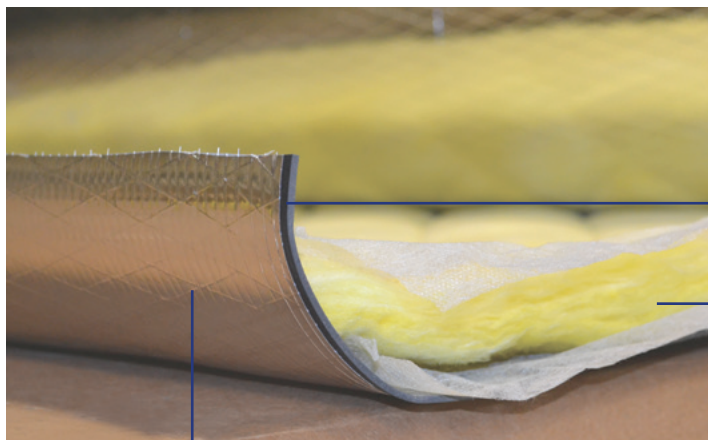
Acoustical Properties (Noise Transmission Loss (dB)/Frequency (Hz)*:

Hz	125	250	500	1000	2000	4000	STC
SW Lag1	18	18	23	30	39	46	29
SW Lag2	19	20	23	33	44	53	30

* 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/sq. ft.	1"	-20° F to 350° F	NA	NA	NA
2" Fiberglass Decoupler	.4 lb/sq. ft.	2"	-20° F to 350° F	NA	NA	NA



Mass loaded vinyl noise barrier

Quilted fiberglass decoupler

Outer reinforced foil jacket

SilentWrap™ with Lag meets Class A rating per ASTM E-84 "Surface Burning Characteristics of Building Materials".

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