

## 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

### 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'

### 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

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