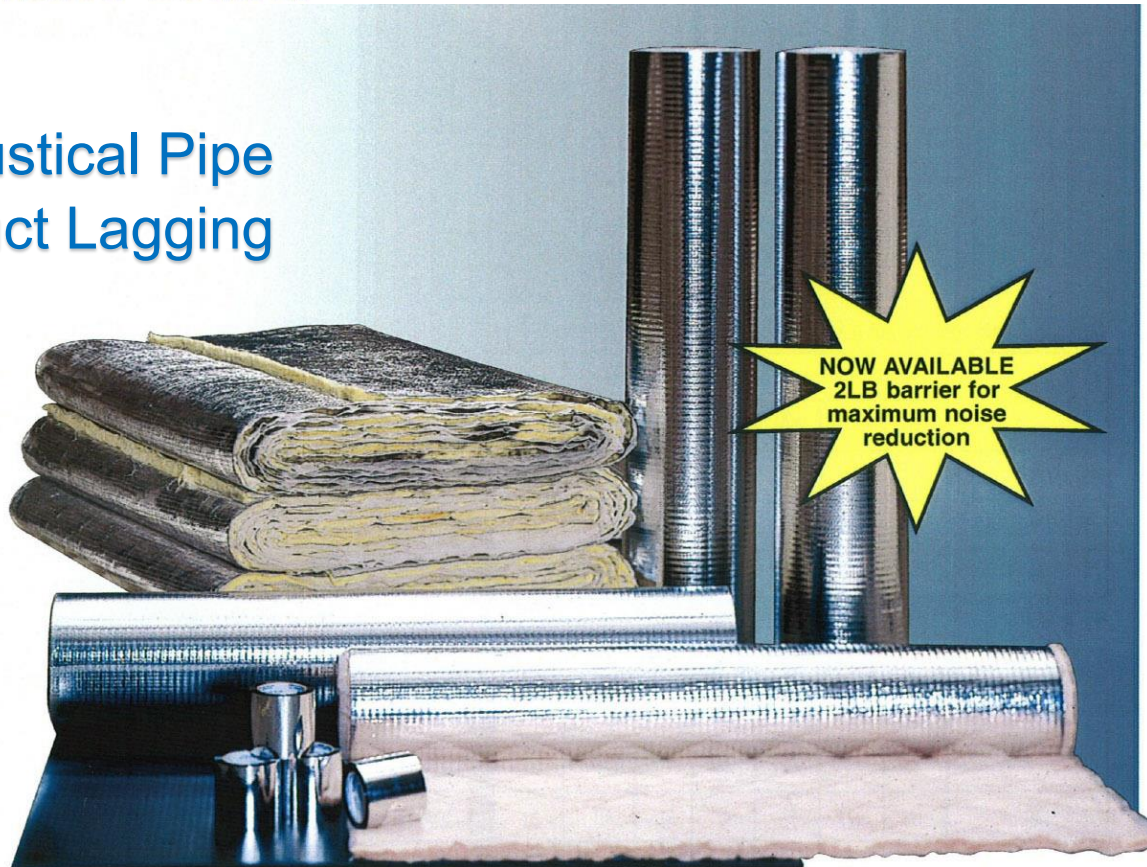


Acoustical Pipe & Duct Lagging



NOW AVAILABLE
2LB barrier for
maximum noise
reduction

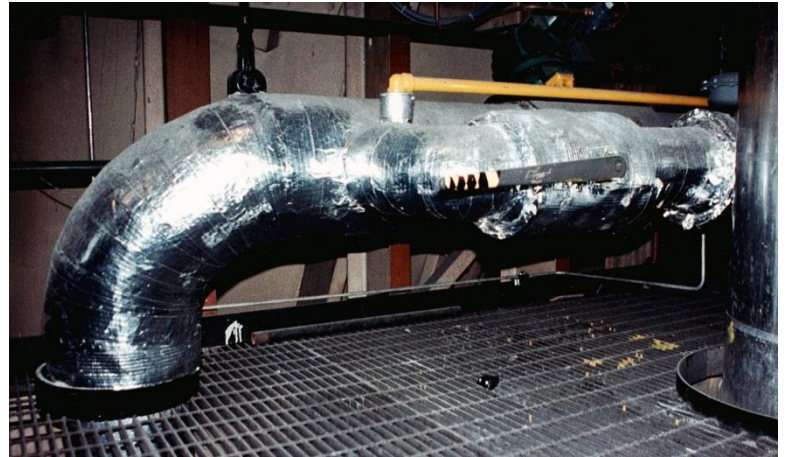
dB Engineering's Industrial Division Lag Series, which is designed to offer significant reduction of radiated noise, consists of a loaded vinyl noise barrier with a scrim reinforced aluminum foil facing on one side. The LAG barrier is available in two weights and in combination with a nominal 1" thick or 2" thick quilted fiberglass decoupler. In addition to readily accepting a matching lag tape for quick and easy installation, the foil facing offers excellent corrosion resistance, high strength and excellent conformability. The quilt decouples the loaded vinyl barrier from the noise-emitting surface achieving optimum noise reductions. The one-step installation of the decoupler, barrier and protective jacket offers substantially lower installation costs. This composite combination is also designed to provide thermal insulation to reduce energy consumption.

Products in the LAG series are commonly used for wrapping:

- Noisy iron, steel and plastic pipe
- Ducts
- VAV units
- Heat exchanges
- Fans
- Mechanical rooms

Features:

- Up to 20 decibel reduction
- STC ratings to 34
- Easy to cut and install
- Accepts matching lag tape
- Quilted fiberglass decouplers available
- Available in a Class A flammability rated composite
- Passes UL-94, FMVSS 302
- High and low temperature applications
- Convenient 54" x 30" roll size



Acoustical Data: one-pound psf based lag products

Product	Sound Transmission Loss (dB) Frequency (Hz)						STC
	125	250	500	1000	2000	4000	
B-10 LAG	15	18	22	27	32	37	27
B-10 LAG/QFA-3	18	18	23	30	39	46	29
B-10 LAG/QFA-9	19	20	23	33	44	53	30

Per ASTM: E90

Acoustical Data: two-pound psf based lag products

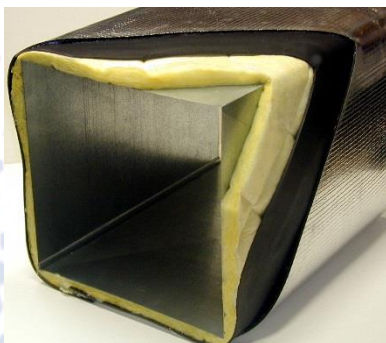
Product	Sound Transmission Loss (dB) Frequency (Hz)						STC
	125	250	500	1000	2000	4000	
B-20 LAG	16	22	26	32	35	40	31
B-20 LAG/QFA-3	20	23	28	37	48	56	32
B-20 LAG/QFA-9	21	24	29	41	54	68	34



B-10 LAG/QFA-3 Acoustical Pipe Lagging

Physical Properties of Components

Product	Weight	Thickness	Service Temperature	"R" factor
B-10 LAG	1lb. PSF	.090"	-10° to 180°F	1.0
B-20 LAG	2lb. PSF	.23"	-10° to 180°F	1.0
QFA-3	2lb. PSF	1" Nom	-20° to 350°F	4.0
QFA-9	4lb. PSF	2" Nom	-20° to 350°F	8.0



B-10 LAG is a multi-layered acoustical lagging designed to reduce noise that radiates through the walls of ductwork or piping. Cutaway view shows the quilted fiberglass decoupler, the loaded vinyl noise barrier and the outer reinforced foil jacket.