



# dB LAG

## For Mechanical System Noise



### FOR COMMERCIAL AND RESIDENTIAL USE

#### **SOUND BLOCKING**

Specially designed material reduces disturbances from airborne mechanical noise in commercial and residential air handling equipment. Can be used with or without insulation duct wrapping.

#### **VERSATILE**

Can be installed around plumbing pipes as well as air ducts and has a wide range of temperature tolerance

#### **FIRE RESISTANT**

Conforms to ASTM E 84 Fire Resistant Standard to provide another level of protection

#### **MOISTURE CONTROL**

Does not contain organic compounds to harden, deteriorate or support mold growth; acts as a moisture and air barrier for improved HVAC efficiency

#### **FLEXIBLE**

Material provides a dense, flexible layer of protection

#### **AMERICAN MADE**

Manufactured from materials sourced in the United States and produced in our North Carolina manufacturing facility

#### **IDEAL APPLICATIONS**

Commercial and residential construction

Apartments and condominiums

Hotels

Schools

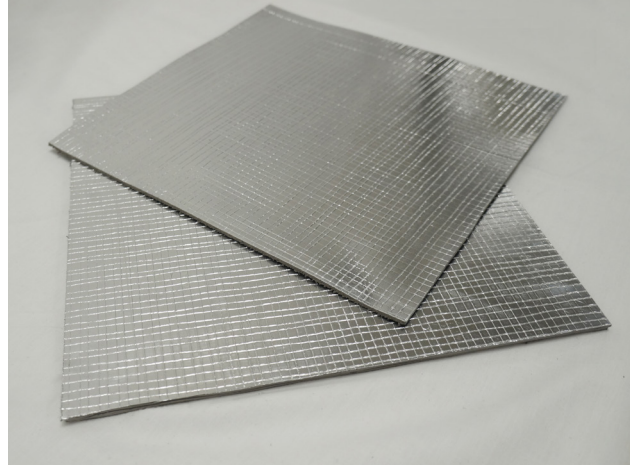
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## FOR MECHANICAL SYSTEM NOISE

dB Lag sound barrier material provides a dense, flexible layer of protection to reduce disturbances from airborne mechanical system noise. It can be installed around plumbing pipes as well as air ducts and has a wide range of temperature tolerance. When used in combination with insulation, dB Lag provides superior protection from structure noise.

Testing Data	
<b>Sound Transmission</b> ASTM E90-02 (SAE j1400)	Passes min. STC 27
<b>Flammability</b> ASTM E84 Rev. A	Class A*
<b>Fungal &amp; Algal Growth</b> ASTM D3273, ASTM G21	No growth
<b>Thermal Transmission Prop.</b> ASTM C518 5	Pass min. 3

\*FR Class A, NFR Class C



Typical Physical Properties for dB Lag	
<b>Roll Dimensions</b>	4'x 25', 4.6' x 30'
<b>Weight</b>	1 lb./sq. ft.
<b>Thickness</b>	0.10"
<b>Standard Tolerances</b>	
Width	+ 0.5" -0"
Length	+ 1% - 0"

Noise Transmission Loss (db)/Frequency (HZ) Test # E9560.01-113-11-RO													
Frequency (Hz)	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
dB Lag	3	5	6	9	11	12	14	16	18	21	24	27	26
w/ R6 Insulation	12	15	18	20	21	24	24	25	26	28	29	31	32

United Plastics has extensive acoustic and application test data available for dB Lag products. Please contact your sales representative for more information.



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