



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

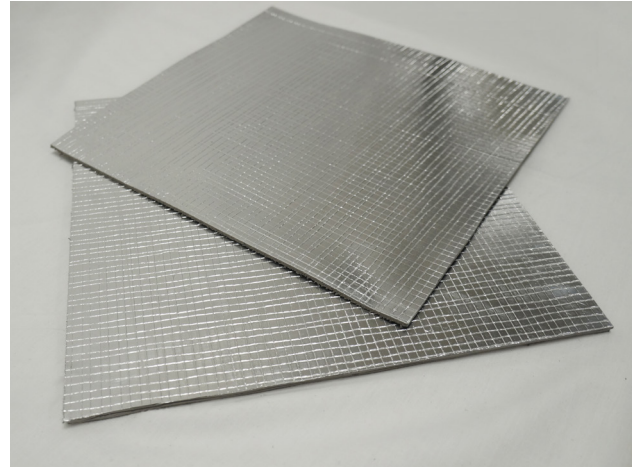
Schools

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	
Sound Transmission ASTM E90-02 (SAE j1400)	Passes min. STC 27
Flammability ASTM E84 Rev. A	Class A*
Fungal & Algal Growth ASTM D3273, ASTM G21	No growth

*FR Class A, NFR Class C



Typical Physical Properties for dB Lag	
Roll Dimensions	4'x 25'
Weight	1 lb./sq. ft.
Thickness	0.10"
Standard Tolerances	
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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