



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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We Identify and **S.T.O.P.** Your Noise Problems



BARRIER - DECOUPLER

Vinyl Barrier with Foam Decoupler

- **Reduces Sound Transmission**
- **Contains Intrusive Noise**
- **Improves Health and Safety**
- **Provides Thermal Insulation**

MATERIAL: Mass Loaded Vinyl.

FEATURES: High density limp material with acoustic foam decoupler to reduce noise transmission.

APPLICATIONS: Reduces noise transmission through ceilings, walls, floors, machinery and equipment, enclosures, PVC waste pipe, HVAC ducts. Apply on any solid surface or on floor under carpet for effective noise containment.

THICKNESS: 3/8" **SIZES:** 54" wide x 20', 30' rolls.

DECOUPLER: Polyurethane Foam.

COLOR: Black, Grey.

FLAMMABILITY: UL 94-HFTI Class C

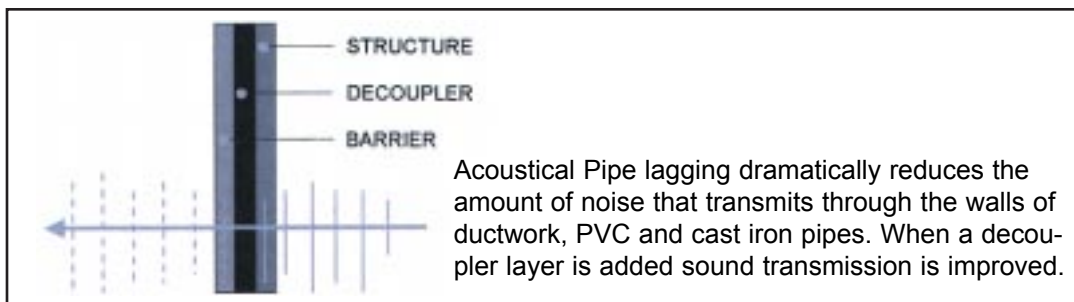
INSTALLATION: Materials can be adhered to surface.

ACOUSTICAL PROPERTIES: Airborne sound transmission class/STC 27 per ASTM C423.

PIPE NOISE S.T.O.P.: Sound Transmission Loss (STC)

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1K	1.25K	1.6K	2K	2.5K	3.15K	4K	5K
Transmission Loss (dB)	14	13	13	16	17	19	19	21	23	26	28	29	31	33	35	37	40	42

Acoustical Transmission Loss properties are for a single layer of barrier material. Actual STC of material applied to piping or other structures will vary in performance.



Acoustical Pipe lagging dramatically reduces the amount of noise that transmits through the walls of ductwork, PVC and cast iron pipes. When a decoupler layer is added sound transmission is improved.

Caution: Polyurethane foam is flammable and may emit toxic fumes when burned. Do not use near open flame. Check local codes for allowed use. Manufacturer assumes no liability.