



# Acoustical Surfaces, Inc.

Soundproofing, Acoustics, Noise & Vibration Control Specialists

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



## NOISE S.T.O.P. BARRIER/ABSORBER POLYURETHANE COMPOSITE™

Polyurethane Foam Composite Sound Containment System

- ✓ **Sound Absorber**
- ✓ **Noise Barrier**
- ✓ **Optimal Noise Containment**
- ✓ **Decoupler Isolates Vibration**

**MATERIAL:** Polyurethane AcousticalFoam Bonded to 1lb. - sq. ft. mass loaded Vinyl Noise Barrier with Polyurethane Foam Vibration Decoupler.

**PATTERN:** Flat Surface.

**APPLICATIONS:** Ideally suited to line equipment enclosures. Commonly used to line walls and ceilings of utility or mechanical rooms to absorb and contain the noise source. Use where sound absorption, noise reduction and vibration control are needed.

**THICKNESS:** 1 1/4" **SIZES:** 24" x 48", 48" x 48"; Special Sizes Available Upon Request.

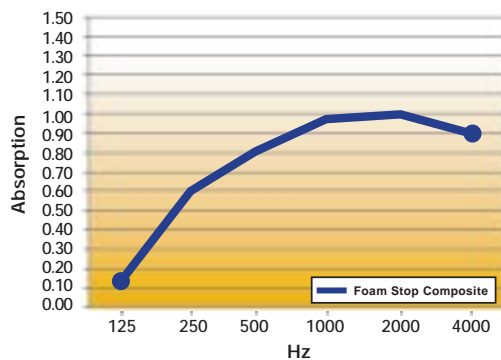
**COLOR:** Charcoal (unfaced) Aluminized Mylar, Black or Grey Tuftane, Tedlar

**FLAMMABILITY:** UL-94/HFI - Pass. ASTM E84 - Unrated.

**INSTALLATION:** ASI S.T.O.P. Noise Acoustical Adhesive or Pressure Sensitive Adhesive Backing. Use Mechanical Attachment for overhead Installations.

**FACING OPTIONS:** Black Tuftane, Aluminized Mylar, Paint Available Upon Request. PSA Adhesive Back Available.

**ELONGATION:** ASTM-D-412-DIE C = 325% **TENSILE STRENGTH:** ASTM-D-412-DIE C = 358.2lbs. psf.



Sound Absorption Coefficients - Type B Mtg. - ASTM C423-90A							
Foam S.T.O.P Polyurethane Composite™	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
	0.13	0.60	0.81	0.97	1.00	0.90	0.85

Sound Transmission Data - ASTM E90-75; ASTM E413-73							
Foam S.T.O.P Polyurethane Composite™	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
	17	22	20	32	31	43	28

**WARNING:** Polyurethane Foam is Flammable. Flame Spread > 400; Smoke Developed: > 480 ASTM E84