

## ACOUSTICAL PANELS | SILENCER SERIES



## TECHLITE® Acoustic Panels

TECHLITE® foam is a lightweight, fiber-free, open cell melamine foam developed as a Class A fire-rated alternative to conventional foams. This high performance foam has a wide temperature range, low smoke and flame properties and is available in several sizes and shapes to fit any design or decor. TECHLITE® foam is easily trimmed, cut, and sliced in the field reducing installation time compared to many other acoustic materials.

## BENEFITS

Absorbs and reduces noise  
 Very low-density / lightweight  
 Excellent thermal properties  
 Class A fire-rated (ASTM E 84)  
 Easy to install

## USES AND APPLICATIONS

Industrial applications  
 OEM uses  
 Aerospace and defense  
 Automotive  
 OSHA compliance  
 Fitness centers

## PHYSICAL PROPERTIES

Material	TECHLITE® Flexible Open-Cell Melamine Foam
Service Temp	-40°F to 350°F
Density	Light Grey $0.56 \pm 0.09$ lb/ft <sup>3</sup> White $0.47 \pm 0.13$ lb/ft <sup>3</sup>
Fire Rating	Class A per ASTM E 84
Finish	White or Light Grey

## SIZES/COLORS

24" x 48", 48" x 48", or 48" x 96"  
 panel with thicknesses of 1",  
 1 1/2", 2", and 3".  
 Special thicknesses available  
 Natural White and Light Grey

Sound Absorption Coefficient [Sabins / ft²]										
Finish	Thickness [in]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	1.00	0.11	0.16	0.53	0.85	0.99	1.04	0.63	0.65	A
	1.50	0.17	0.28	0.84	0.99	1.03	1.04	0.78	0.80	A
	2.00	0.23	0.48	1.08	1.19	1.16	1.11	0.97	1.00	A
	3.00	0.45	0.87	1.26	1.07	1.06	1.10	1.05	1.05	A
Light Grey	1.00	0.07	0.18	0.55	0.83	0.96	1.01	0.63	0.65	A
	1.50	0.17	0.28	0.86	0.99	1.02	1.02	0.79	0.80	A
	2.00	0.20	0.51	1.05	1.05	1.03	1.05	0.91	0.90	A
	3.00	0.36	0.90	1.24	1.04	1.02	1.09	1.05	1.05	A

*Absorption results tested in accordance to ASTM C 423-09a*