

FIREFLEX™ (CLASS 1) FOAM

FireFlex™ is the Class 1 alternative to traditional acoustical foams. These materials are constructed of lightweight, porous acoustic melamine. Internal structure is a cellular complex of slim, flexible webs, which are completely open-celled.

FireFlex™ products are uniquely suited for environments where temperatures are high or sparks may fly. It withstands constant temperatures up to 320 degrees F, and meets all Class 1 regulations for flame spread, smoke density and fuel contribution.

Colors: Light Grey (Standard)
 White (Special Order)

Sound Absorption Coefficients							
Size	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
Pyramid Pattern							
2"	0.09	0.28	0.79	0.94	1.00	1.04	0.75
3"	0.10	0.48	0.91	1.11	1.11	1.14	0.90
4"	0.16	0.56	1.11	1.13	1.13	1.21	1.00
Wedge Pattern							
2"	0.03	0.31	0.81	1.02	1.01	0.96	0.80
3"	0.13	0.74	1.26	1.18	1.12	1.03	1.10
4"	0.33	1.12	1.32	1.39	1.19	1.12	1.25
Max Wedge							
6"	0.22	1.07	1.27	1.34	1.27	1.15	1.25
8"	0.39	1.05	1.44	1.38	1.33	1.19	1.30
FireFlex WAVE (Sabins per Unit)							
Cloud	1.98	4.41	10.91	15.57	16.55	16.80	N/A
Baffle	1.22	3.86	9.94	14.34	15.10	14.22	N/A

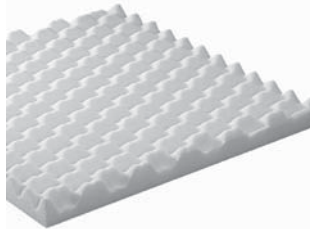
Fire Rating: Class 1 (A)

FireFlex™ Physical Characteristics:

Material: Open Cell Melamine Foam
Density: 0.7 pounds/cubic foot
Flammability: UL94V-0
Flame Spread = 10
Smoke Density = 50
Tensile Strength= 8 PSA

WEDGE

Wedge installs easily to handle the toughest noise problems.

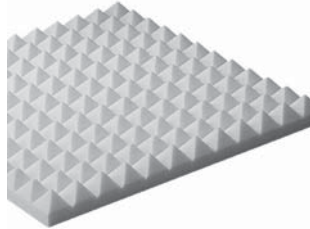


Thickness:
 1.5", 2", 3", 4"

Size: 2' x 4'

PYRAMID

The pyramid pattern allows for a uniform appearance when installed.



Thickness:
 2", 3", 4"

Size: 2' x 2'

MAX WEDGE

Designed for controlling low frequency sound.



Thickness:
 6", 8" (4" available upon request)

Size: 1' x 1'

FIREFLEX™ WAVE

Hanging Waves are ideal for high noise interior environments. The undulating design can be installed vertically or horizontally with provided hardware.

Thickness: 2" **Size:** 2' x 4'

