

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
Ceiling Baffle (Sabins per Baffle)							
3"	4.17	6.50	10.00	15.60	17.90	19.50	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—from firing ranges to computer rooms, recording studios or industrial machinery.

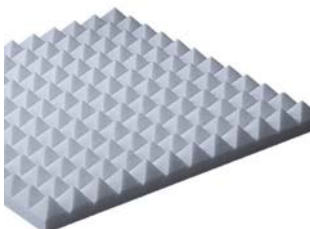


Thickness:
 1.5", 2", 3", 4"

Size: 2' x 4'

PYRAMID

Each square is identical to the others, allowing for seamless appearance when installed.



Thickness:
 2", 3", 4"

Size: 2' x 2'

MAX WEDGE

Designed for controlling low frequency sound.

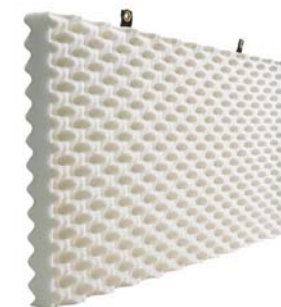


Thickness:
 6", 8" (4" available upon request)

Size: 1' x 1'

BAFFLE

Hanging baffles are ideal for manufacturing areas and other high noise interior environments.



(Baffles are shipped assembled and ready to hang with eyelet tabs)

Thickness: 3"

Size: 2' x 4'