

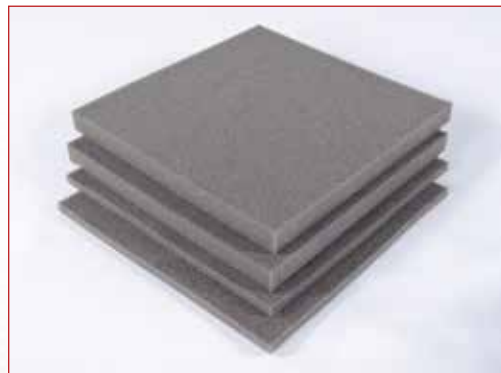
Acoustical Foam (Ester type)

Product Number: 031031, 031035

Acoustical polyester foam for absorption of sound. Its open cell construction provides a non-reflective surface which absorbs noise. Polyester foam is clean to handle and will not shed or erode under shock and vibration. Meets UL94 HF-1 Flammability.

Applications include:

- Machinery enclosures
- Equipment cabinets



Specifications and Physical Properties

Typical Acoustical Foam Physical Properties:

Size:	Rolls 54" wide x cut to length
Maximum roll length:	150 linear feet
Density:	2 lbs. per cubic ft.
Color:	Charcoal
Temperature range:	-45° F to 225° F
Chemical resistance:	Not adversely affected by oil, greases and common solvents.
Tensile strength (P.S.I.):	Greater than 17.0
Tear strength (1 lb./inch):	Greater than 1.6
Elongation (%):	Greater than 130%
Flame resistance:	Meets UL94 classification HF-1

Frequency Hertz (Cycles per second):

Random absorption	125	250	500	1K	2K	4K	NRC
031035 ½-inch thick	.15	.21	.26	.17	.63	.65	.31
031031 1-inch thick	.16	.25	.45	.84	.97	.87	.63
Noise reduction coefficient per ASTM C-384-58							

The Federal Trade Commission considers that there are no existing test methods or standards regarding flammability that are accurate indicators of the performance of cellular plastic materials under actual fire conditions. Any results of existing test methods, such as ASTM D-1692 and UL94, are intended only as measurements of the performance of such materials under specific, controlled test conditions. The terminology associated with the tests or standards, such as "non-burning", "self-extinguishing" or "non-combustible", is not intended to reflect properties of such products under actual fire conditions.

