

Loaded Vinyl/Foam Composite

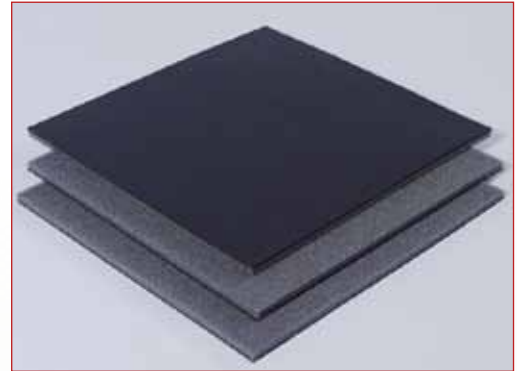
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Loaded vinyl / foam composite is a noise-blocking limp mass barrier laminated to an acoustic foam isolation layer.

The foam layer decouples the barrier and increases its ability to block noise. It is used to add noise-blocking capability to pipes, housings, tanks, floorboards, walls, covers and bulkheads.

Applications include:

- Marine vessels
- Vehicle cabs
- Off-highway vehicles
- Trucks



Specifications and Physical Properties

Vinyl Layer:

Color:	Black
Size:	54" wide x length
Weight:	1 lb./sq. ft. +10%
Flame resistance:	Meets FMVSS 302
Service temperature:	-20° F to 200° F
Chemical resistance to:	
Water:	Excellent
Petroleum:	Excellent
Alkalis:	Good

Foam Decoupler Typical Values:

Material:	Open cell polyester foam
Color:	Charcoal
Thickness:	.25 inch
Density:	2-lb/cu. ft.

Typical Values of Sound Transmission Loss (Decibels):

Frequency (cycles/second)	125	250	500	1K	2K	4K
Decibel reduction	13	17	21	28	33	40
Sound transmission Class 26						

Applicable Standard:

ASTM Designation:	E 90-75
ASTM Designation:	E 413-73

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.

