

## ARTSPEC<sup>®</sup> Composite

ARTSPEC Composite combines the benefits of both acoustical foam and of the noise containment capabilities of vinyl barrier into one durable product:

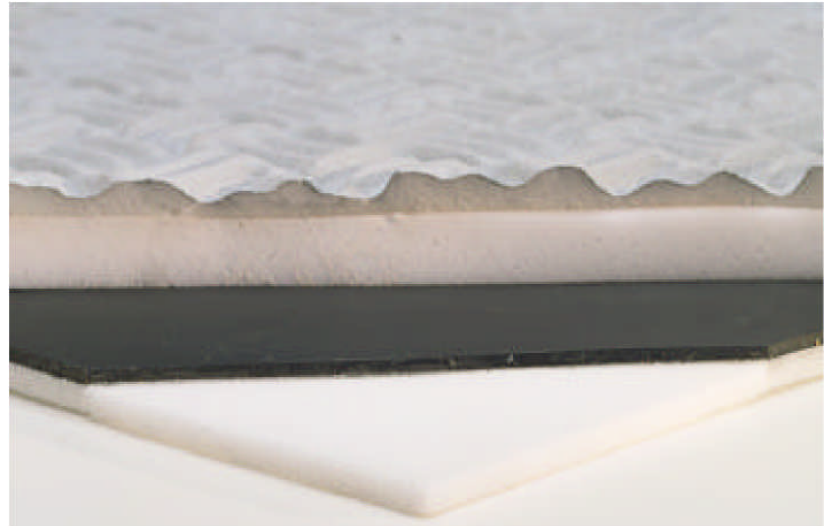
- A 1" thick layer of foam, to absorb noise.
- A 1/8" thick noise barrier, to contain noise and reduce sound transmission.
- A decoupler to provide air space between the barrier and the mounting surface for optimal noise containment. This decoupler helps to insulate the barrier from vibrations in the wall.

ARTSPEC Composite is an attractive solution for absorbing and containing noise and vibrations in many different types of settings. The panels come standard with a convoluted surface and gray Hypalon facing for easy clean-up. Rugged Tedlar facing is available to withstand harsher chemicals and cleaning. Aluminized Mylar is also available for special applications.

### Typical Applications

- Over sub-standard walls between manufacturing plant and offices
- To line thin enclosures around machinery, air compressors, or similar noise sources
- In engine compartments
- Under machinery hoods

ARTSPEC Composite is also available in polyurethane foam. See separate product section.



Frequencies in Hertz	Transmission Loss	Frequencies in Hertz	Sound Absorption Coefficients*
125	17	125	0.13
250	22	250	0.60
500	20	500	0.81
1000	32	1000	0.97
2000	31	2000	1.00
4000	43	4000	0.90
STC**	28	NRC	0.85

\*\*Estimated

\*Type B Mounting

### Product Specifications

Material:	1" open cell willtec bonded to 1/8" loaded vinyl barrier with 1/4" willtec decoupler layer
Surface Pattern:	Sculpted - Hypalon surface absorbs sound waves.
Density:	willtec foam 0.7 pounds per cubic foot
Tensile Strength:	8 PSI
Flammability:	ASTM E 84 Class 1
Flame Spread:	Hypalon Coated Foam - 25
Smoke Density:	Hypalon Coated Foam - 185