

ANC-WB42 SERIES

FLEXIBLE NOISE BARRIERS

SPEC DATA SHEET

ACOUSTICAL PIPE AND DUCT WRAP: ANC-WB42

ANC-WB42 is a composite material featuring a flexible one pound per square foot reinforced-foil faced loaded vinyl noise barrier bonded to a 2" thick scrim faced quilted sound absorber/decoupler. Used to wrap noisy pipes, ducts, valves and fan housings.

- Standard roll is 54" wide x 30' long
- Accepts matching Wrap Tape for easy Installation
- Class A (or 1) flammability rating per ASTM E-84

APPLICATIONS:

Typically used to wrap noisy pipes and ducts to block the noise that transmits through the walls of the pipe or duct as air or other contents move through it. The 2" thick quilted fiberglass absorber decoupler improves low frequency acoustical performance, overall performance of the noise barrier, and provides sound absorption and thermal insulation around the pipe or ductwork. The reinforced foil facing on the barrier readily accepts a matching lag tape for easy installation.



PRODUCT DATA

DESCRIPTION	1 Lb-psf foil-faced loaded vinyl barrier bonded to a 2" thick scrim faced quilted fiberglass absorber
NOMINAL THICKNESS	2.0 inches
INCHES STANDARD WIDTH	54" WIDE
ROLL LENGTH	30 FEET
WEIGHT	1.3 LB PSF
TEMPERATURE RANGE	-20° TO +200° F
FLAMMABILITY	Smoke Density index 19.5 Flame spread index 12.5
"R" FACTOR	9.0

ACOUSTICAL PERFORMANCE:

SOUND TRANSMISSION LOSS PER OCTAVE BAND FREQUENCY

PRODUCT	OCTAVE BAND FREQUENCIES (HZ)						STC
	1252	50	500	1000	2000	4000	
ANC-WBV42	19	20	23	33	44	53	30

ASTM E-90 & E 413

SOUND ABSORPTION DATA

PRODUCT	OCTAVE BAND FREQUENCIES (HZ)						NRC
	1252	50	500	1000	2000	4000	
ANC-WBV42	.07	.27	.961	.131	.08	.99	.85