

Spec Data Sheet

ANC-WB42 SERIES FLEXIBLE NOISE BARRIERS

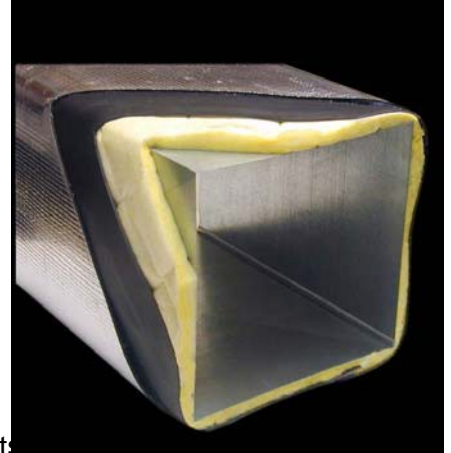
Acoustical Pipe and Duct Wrap: ANC-WB42

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 |
| Standard width | 54" wide |
| Roll length | 30 feet |
| Weight | 1.3 LB psf |
| "R" Factor | 9.0 |
| Flammability | Smoke Density index 19.5 Flame spread index 12.5 |
| Temperature range | -20° to +200° F |

Acoustical Data:

Sound Transmission Data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | STC |
|-----------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| ANC-WBV42 | 19 | 20 | 23 | 33 | 44 | 53 | 30 |

Sound Absorption Data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | NRC |
|-----------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| ANC-WBV42 | .07 | .27 | .96 | 1.13 | 1.08 | .99 | .85 |