

SWA

Scrim Wrapped Absorber Panel



The Scrim Wrapped Absorber panel is a durable and fire safe absorber designed to provide maximum performance in a wide variety of applications.

The SWA is highly efficient tuned noise absorber design for mid to low frequency absorption. Model SWA consists of a semi-rigid fiberglass core completely encapsulated within a 2 mil thick reinforced foil/polypropylene cover.

The Absorber is available in standard sizes up to 4' x 8' and in thicknesses of 1 or 2 inches. NRC's are .75 and .94, respectively, when tested in a number 4 mounting (direct mounted).

PERFORMANCE DATA - (ABSORPTION COEFFICIENT)

Frequency (Hz)	1" Thick Fiberglass	2" Thick Fiberglass
125	0.13	0.26
160	0.15	0.35
200	0.21	0.62
250	0.32	0.80
315	0.50	1.01
400	0.73	1.18
500	0.95	1.23
630	1.06	1.17
800	1.10	1.08
1000	1.08	1.00
1250	0.93	0.93
1600	0.76	0.81
2000	0.62	0.71
2500	0.55	0.64
3150	0.53	0.53
4000	0.46	0.43
NCR	0.75	0.94

TEST: NUmber 4 Mounting (Direct Mounting).

BENEFITS

NRC - Up to 0.94

Tuned - Mid and low frequency response

Fire Safe - Low smoke and flame characteristics

Durable - Tear and puncture resistance. Offers oil and chemical resistance. Will not rot, shrink, or cause corrosion.

Custom Designs - Custom sizes and thickness. Available in reflective and bright white polypropylene facings.

Easy Installation - With Adhesives or mechanical fasteners.

Wide temperature Ranges - From - 40° to 450° F. Moisture Resistant

Cleanable - Steam cleanable.

Environmentally Safe - Lead and asbestos free USDA/FDA Certified.

APPLICATIONS

The SWA panel is a durable and fire safe absorber designed to provide maximum performance in a wide variety of applications:

- **Wall Mounted Panels** - Reduce in-plant ambient levels
- **Absorptive lining for existing metal housings**
- **Duct Lining**
- **Engine Hosing Liners**
- **Excellent alternative to drop in ceiling panels**

SPECIFICATIONS

Aluminum Foil: 0.0003"

Scrim: Fibreglass Scrim Reinforcement 4" x 4"

Adhesive: Flame Resistant

Film: 0.0015" UV Stabilizer White Polypropylene

Flamability: