



SOUND QUALITY®
BY SOUND SEAL

SOUND DIFFUSERS

SPEC DATA SHEET **SQ-117**



FRP
BARREL
SOUND DIFFUSERS

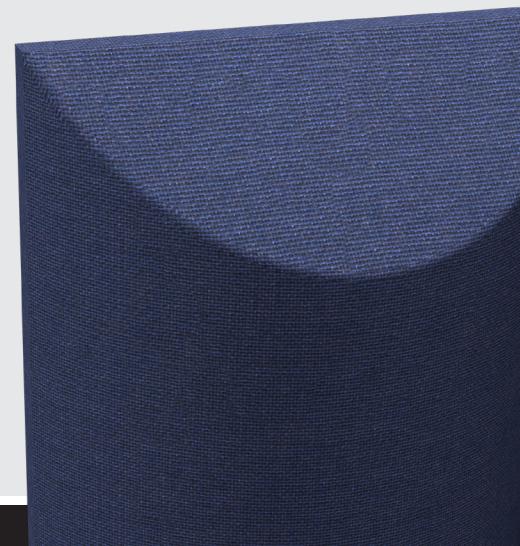
Sound Quality Barrel Shaped Sound Diffusers are perfect for applications that require a high degree of sound diffusion, such as music rooms, band rooms, recording studios and concert halls. They are lightweight and easy to install. Barrel Shaped Diffusers are constructed of high strength reinforced fiberglass molded in a one piece barrel shape. The diffusers are finely tuned to reflect sound.

FEATURES:

- Sizes ranging from 2' x 2' to 4' x 8'
- 7" deep for excellent sound diffusion
- White gelcoat or fabric finish
- Easy to install on walls or in standard lay-in ceiling grid

APPLICATIONS:

- Music rooms
- Band rooms
- Recording studios
- Concert halls



BARREL SOUND DIFFUSERS (FRP)

SIZING (see comparison sheet for additional information)

- Walls: Sizes range from 2' x 2' – 4' x 8' (nominal)
- Ceilings: Sizes range from 2' x 2' – 4' x 4' with flange (nominal)

FINISHES

- Standard white gelcoat
- Fabric: Guilford of Maine (FR701-2100 is standard)
- Designer and customer specified fabrics are available

CONSTRUCTION

High-strength reinforced fiberglass molded in one piece

FIRE RATING

All components shall have a Class A fire rating per ASTM E-84

MOUNTING OPTIONS

- Ceilings: Grid clips or lay-in 15/16" standard ceiling grid system
- Walls: 2 part mechanical clips at top, hook and loop fasteners at bottom

ACOUSTICAL PERFORMANCE

1/3 Octave Sound Absorption Coefficients at the Octave Band Frequencies

Frequency (Hz)	125	250	500	1K	2K	4K	NRC
White Gelcoat	0.19	0.15	0.07	0.04	0.03	0.05	0.05
Fabric Wrapped	0.14	0.21	0.10	0.09	0.11	0.19	0.15

Tested as Type "A" Mounting



SPECIFICATIONS:

Visit www.soundseal.com
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