



SOUND QUALITY®
BY SOUND SEAL



THERMO-MOLDED
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 0.125" thick, thermo-molded plastic with an optional fabric facing from Guilford of Maine or factory-approved, customer-selected material. The diffusers are finely tuned to reflect sound.

FEATURES:

- 7 sizes available
- White 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 (THERMO-MOLDED)

SIZING (see comparison sheet for additional information)

- 7 sizes available:

2' x 2', 2' x 4', 3' x 3', 3' x 4', 3' x 6', 4' x 4', 4' x 6'

*Actual width and length dimensions for all diffusers except the 4' x 6' model are 1/4" less than the nominal dimensions listed. This allows for installation in a lay-in ceiling grid.

FINISHES

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

CONSTRUCTION

0.125" thick, thermo-molded plastic

FIRE RATING

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

MOUNTING OPTIONS

- Ceilings: Standard 15/16" grid by others
- Walls: 2 part mechanical clips and angle brackets

ACOUSTICAL PERFORMANCE

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

Frequency (Hz)	125	250	500	1K	2K	4K	NRC
Standard White *1	0.48	0.12	0.10	0.05	0.03	0.03	0.10
Standard White *2	0.36	0.15	0.09	0.07	0.05	0.10	0.10

Tested as Type "A" Mounting *1

E-400 Mounting *2



SPECIFICATIONS:

Visit www.soundseal.com
or call **1.800.569.1294**

soundseal.com/diffusers



www.soundseal.com



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