

## PRIVACYSHIELD<sup>®</sup> LIGHT HOOD DATA SHEET



### TECHNICAL INFORMATION

**SIZE:** 2'x2', 2'x4'

**HEIGHT:** 9"

**COLOR:** Black

**COMPOSITION:** Fiberglass core covered on both sides with non-woven polyester rayon facing molded into a single piece acoustical hood with optional 1 lb Septum

**FIRE RESISTANCE:** Class A per ASTM E 84 (UL 723) Complies with Uniform Building Code (BOCA), Standard Building Code (SBCCI), and International Building Code (ICC). Meets or exceeds the National Electric Code pertaining to the installation of this system over lighting fixtures.

**MOUNTING:** Assemble components as outlined in installation guide using bonding paste and tape.

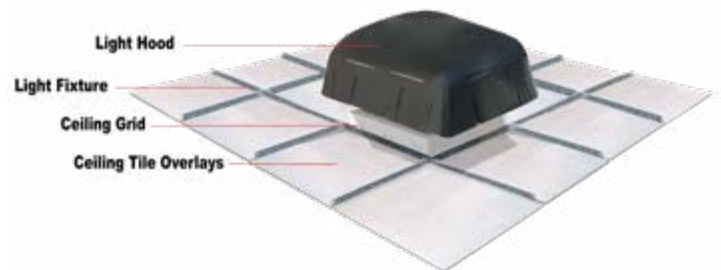
### DESCRIPTION

The PrivacyShield<sup>®</sup> Light Hood is installed over lighting fixtures in a suspended ceiling. Lighting fixtures have been identified as a significant path for speech and noise to enter and exit the ceiling plenum and travel to neighboring enclosed or open rooms. Light hoods can be installed in both new and existing spaces to reduce the amount of sound transmitted from one space to the next. These are used when wall partitions do not extend up above the ceiling grid to the roof deck and offer an economical alternative to building full partition walls.

### APPLICATIONS

Speech Privacy and Noise Reduction in:

- Private Offices
- Conference Rooms
- HR Departments
- Legal Departments
- Medical Facilities.

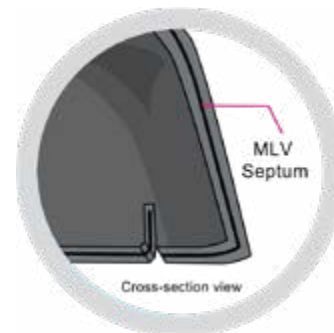


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### HOOD STANDARD



### HOOD WITH 1 LB SEPTUM



### SOUND ABSORBING PERFORMANCE (PER ASTM C423-09A; E-400 MOUNTING)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.01	1.07	0.80	1.05	1.02	1.09	1.00

### SOUND BLOCKING PERFORMANCE (PER ASTM E 90-09)

#### HOOD STANDARD

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
5	4	4	5	6	7	5

#### HOOD WITH 1 LB SEPTUM

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
16	17	21	25	33	40	26

