



SGS Ceiling Air Feed Hood

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Speech Guards Ceiling Air Feed Hoods are a formed fiberglass air outlet for use in standard 24" x 24" ceiling grid systems. SGS Hoods are constructed with optimum acoustic properties. The foil barrier backing reduces condensation while providing excellent thermal properties. Designed for field installation, the face of the Air Feed Hood includes a cut layout set for a circular 360-degree duct pattern.

TYPICAL USES

- Moisture prevention around grille
- Lays on back of all standard 2' x 2' T-Bars
- Passes 25/50 flame and smoke spread
- Meets ASTM-E84

FEATURES

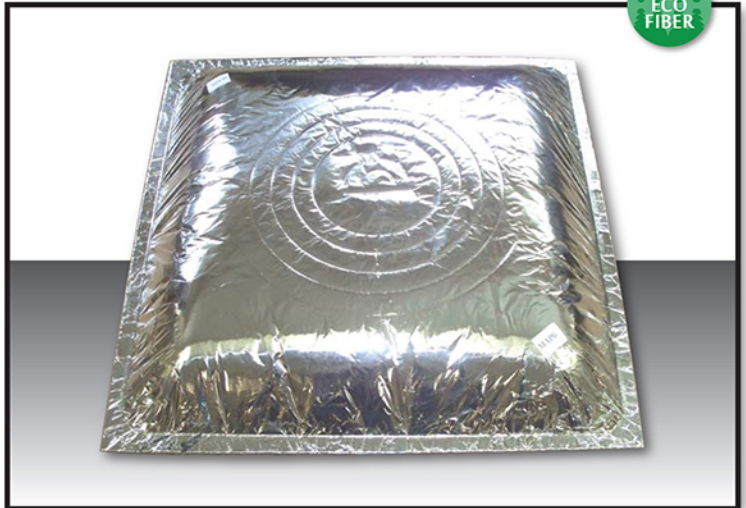
- Custom fit to your openings
- Reduce noise from fan
- Increase thermal efficiency
- Protects from condensation
- Mold resistant
- Provides acoustic value
- Standard sizes in stock for quick delivery
- Reduces vent noise in room

AVAILABILITY

- Our Air Feed Hoods are made with 6", 8", 10", 12" and 16" impressions that allow for easy cutting and fitting of feed ducts.

OTHER

- Tested in compliance with surface burning characteristics (ASTM E-84) and erosion test (UL 181).

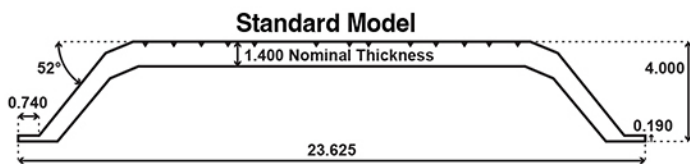


PHYSICAL PROPERTIES OF FIBERGLASS

Moisture Absorption	0.2% by volume, 96 hours at 120°F (49°C) and 96% RH
Shrinkage/Expansion	None; dimensionally stable.
Temperature Limits	-150°F to 400°F (-101°C to 204°C)
Alkalinity	pH 9
Thermal Conductivity	Stable k factor (non-deteriorating) 0.23 Btu*in/hr*ft²°F at 75°F (24°C) mean

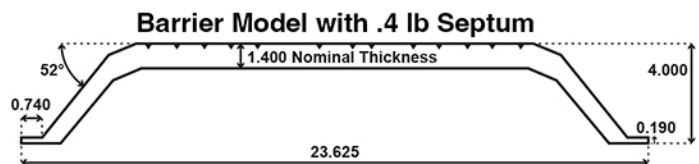
PHYSICAL PROPERTIES OF 24" X 24" AIR FEED HOOD

R-Value	R4
Outer Dimension	23 3/4" x 23 3/4"
Color	Black
Foil Thickness	0.001" - Alt. 0.0015"
Other	Incombustible, immune to rot, corrosion, insects and oxidation. Resists aging and thermal shock.



SGS Product Code 4101

Noise Reduction Coefficient: .80



SGS Product Code 4102

Sound Transmission Coefficient: 19