

## Hexcel® HexWeb® Acousti-Core® Acoustical Absorption Honeycomb

Category : Other Engineering Material , Composite Core Material

### Material Notes:

HexWeb® Acousti-Core® is manufactured from a variety of Hexcel's standard honeycomb products, with HexWeb® HRH-10 and aluminum among the most widely used. The honeycomb cells are uniformly filled with sound-absorbing fiberglass batting (0.6 pcf), which results in a minimal weight increase and unchanged mechanical properties. Features: Excellent acoustical absorption properties; High structural strength; Lightweight; High resistance to heat transfer with nonmetallic core; May be structurally tailored to fit many applications; Low smoke emission. Applications: HexWeb® Acousti-Core®, with perforated or porous skins, has been specifically developed for use in aircraft cabin interiors such as ceilings, partitions, overhead storage, and utility racks. It would work equally well in any similar application that requires sound absorption, light weight, and structural rigidity. Nonmetallic HexWeb® Acousti-Core®, in NBS smoke tests, greatly reduces smoke emission over bare unfilled core. Nonmetallic HexWeb® Acousti-Core® offers excellent environmental resistance and is particularly well suited to marine and other corrosive surroundings.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-HexWeb-Acousti-Core-Acoustical-Absorption-Honeycomb.php](http://www.lookpolymers.com/polymer_Hexcel-HexWeb-Acousti-Core-Acoustical-Absorption-Honeycomb.php)

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