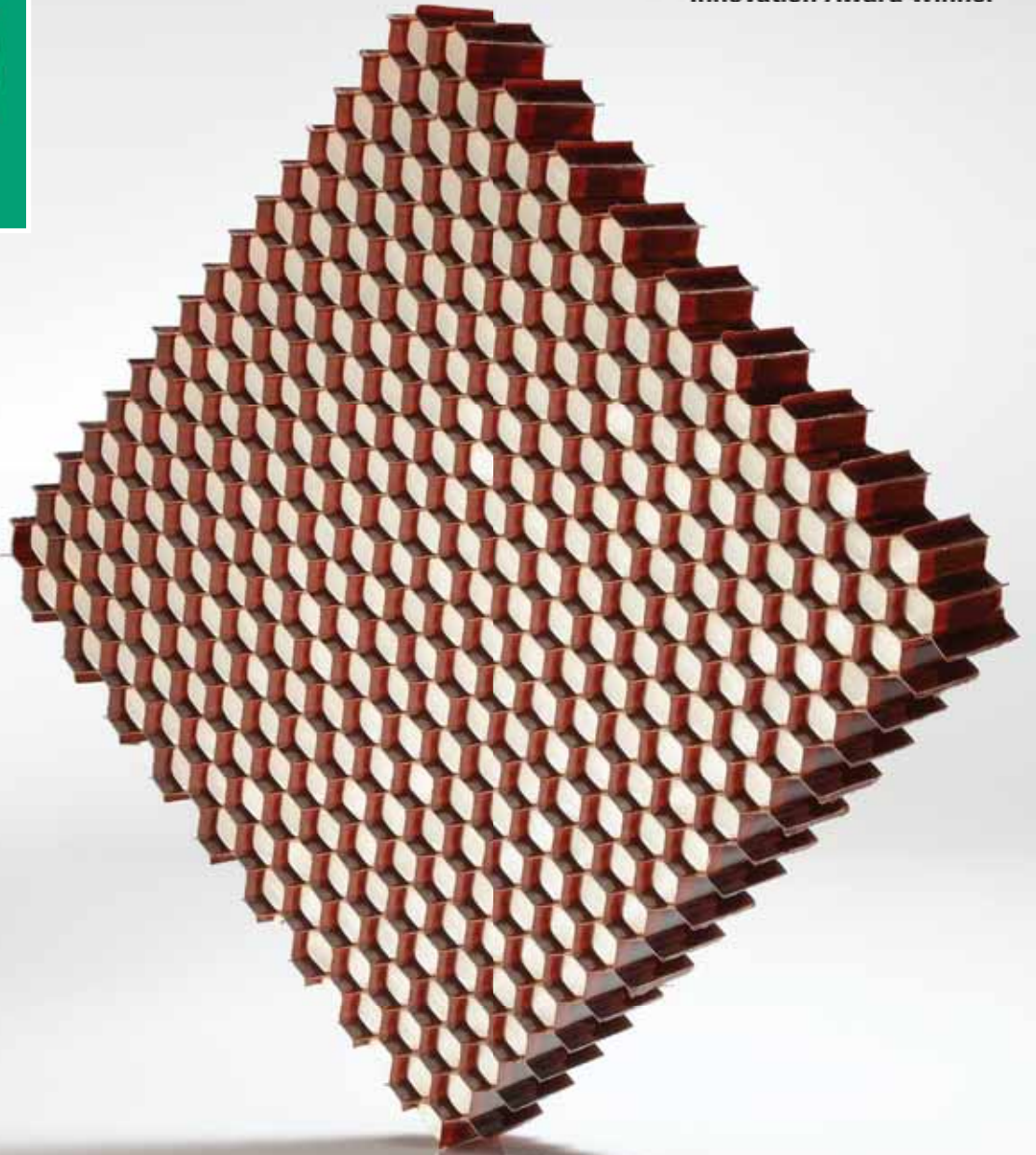




JEC
Innovation Award Winner

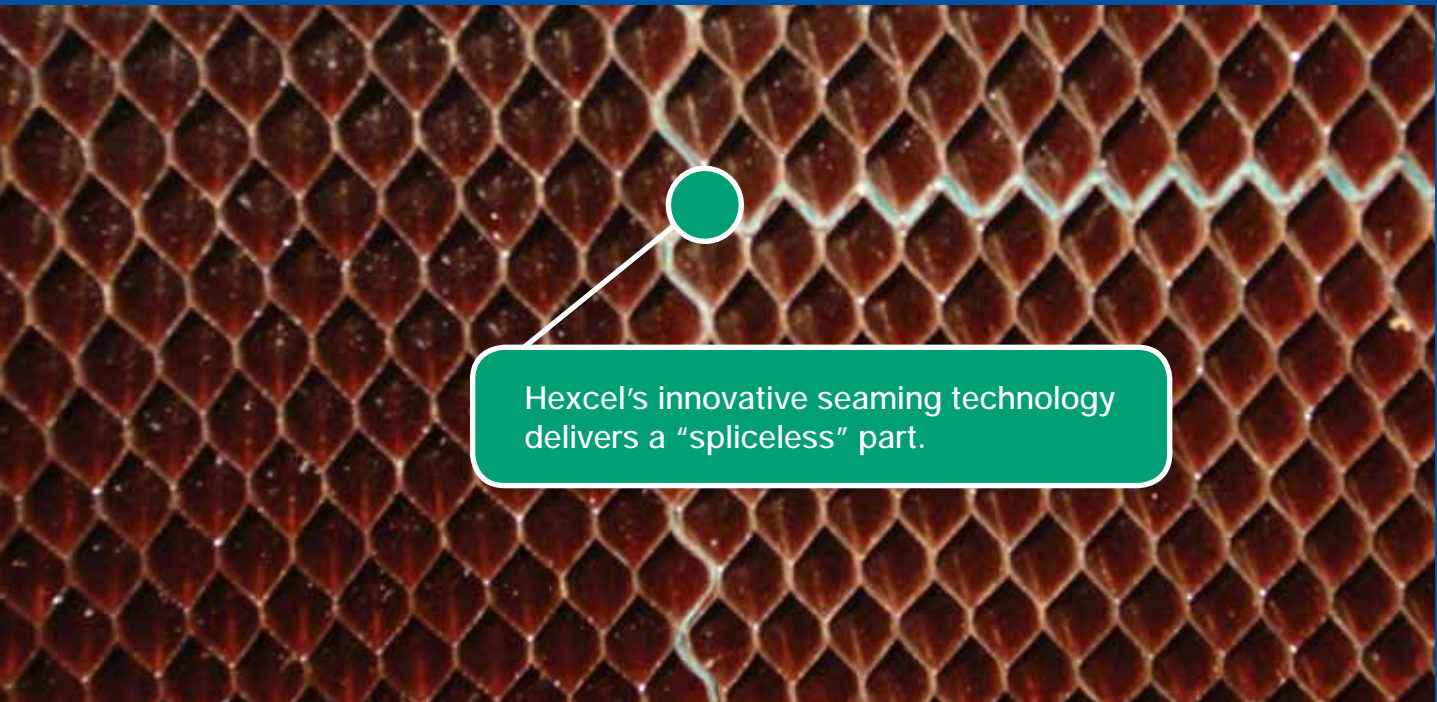
HexWeb® Acousti-Cap®



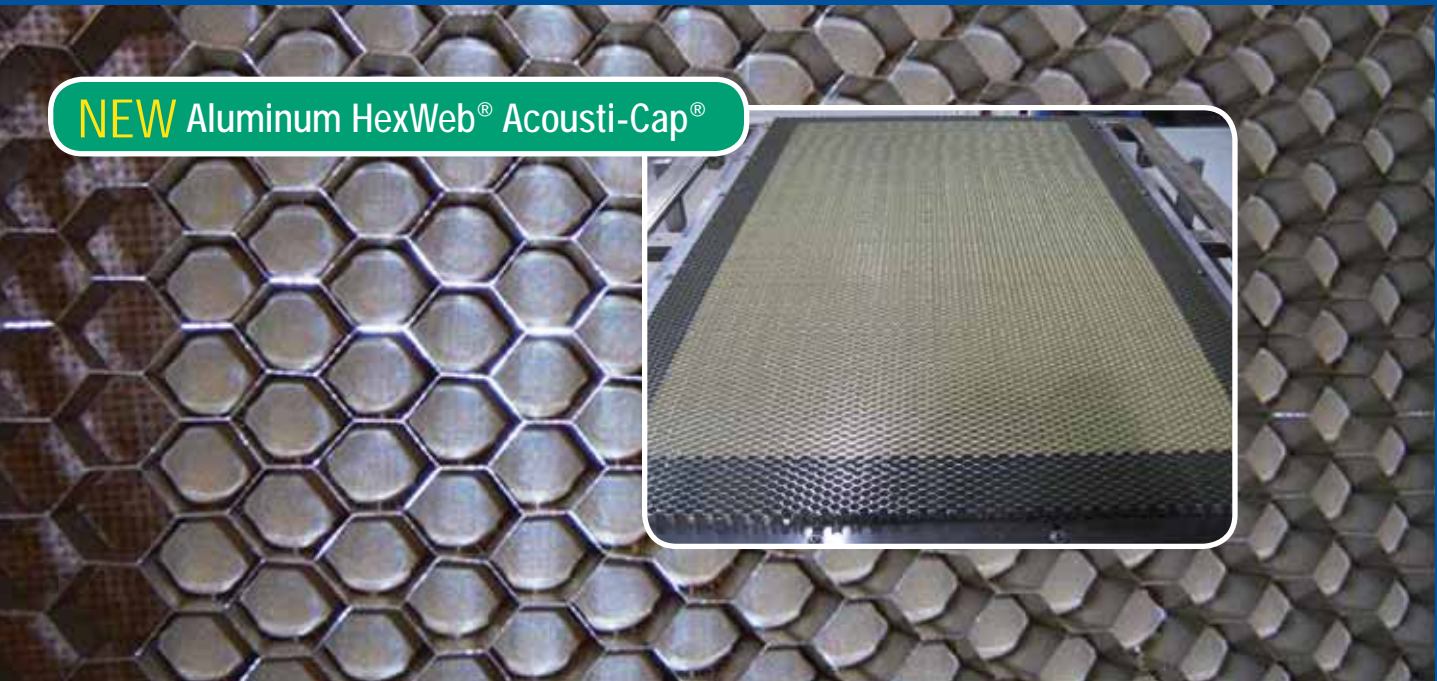
JEC Innovation Award-winning HexWeb® Acousti-Cap® is Hexcel's broadband sound-reducing honeycomb – enabling engine designers to achieve superior acoustical performance without a structural weight penalty.



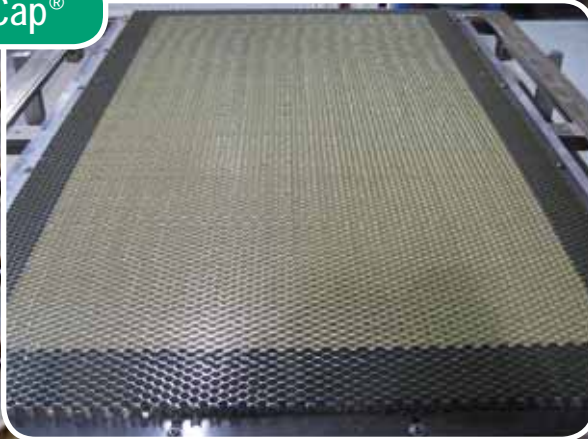
Non-Metallic HexWeb® Acousti-Cap®



Hexcel's innovative seaming technology delivers a "spliceless" part.



NEW Aluminum HexWeb® Acousti-Cap®

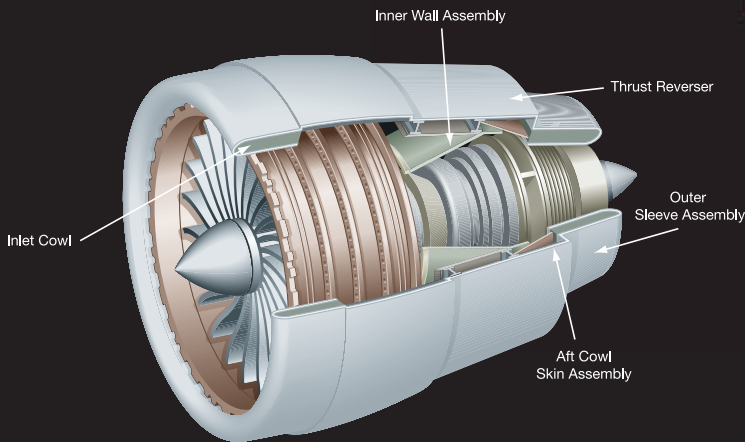


HexWeb® Acousti-Cap®

HexWeb® Acousti-Cap®

HexWeb® Acousti-Cap® enables aircraft engine designers to achieve superior acoustical performance, including dramatic noise reduction during take off and landing, without a structural weight penalty. This marks an improvement on current technology, which requires tradeoffs between weight and noise reduction.

Acousti-Cap® consists of a non-metallic permeable cap material embedded into an honeycomb core to create an acoustic septum.



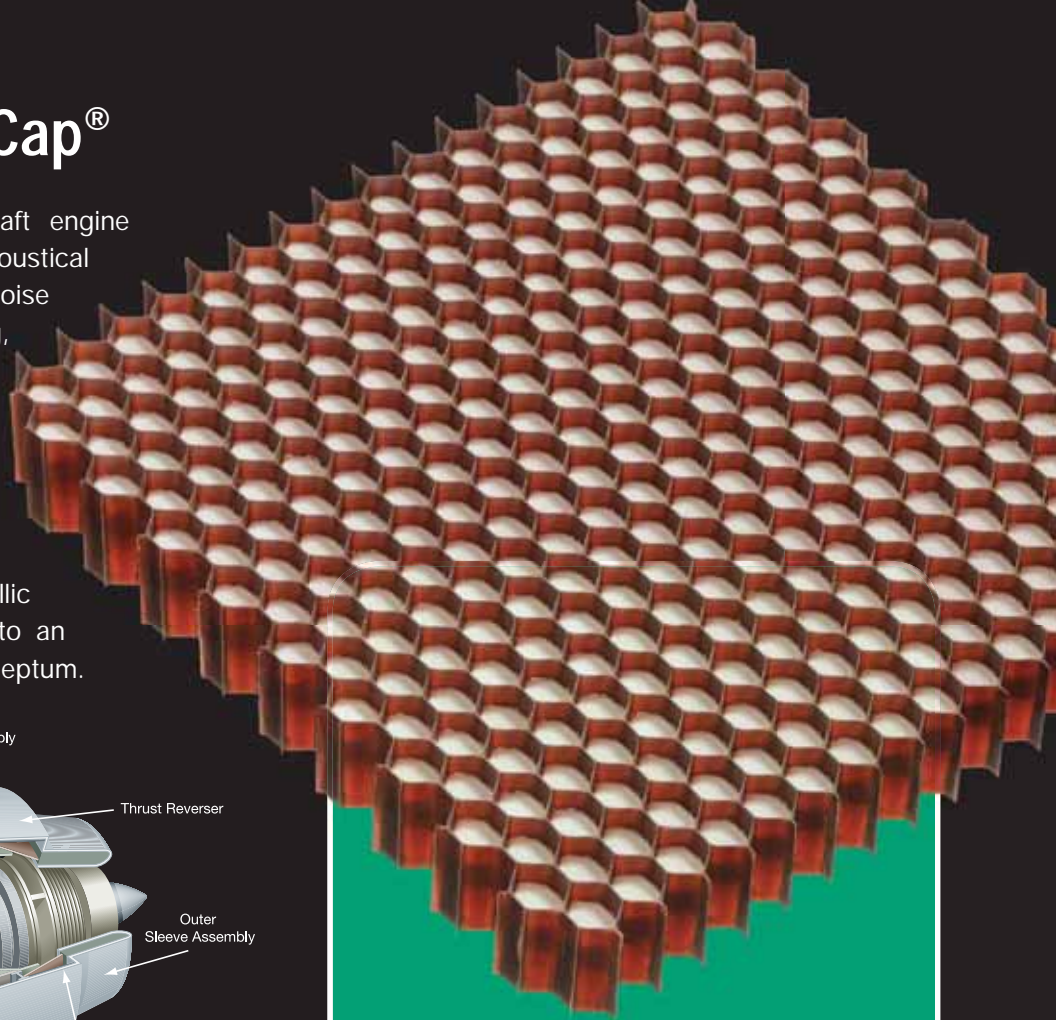
Hexcel's customers specify the flow resistance characteristics they want in the product, as well as overall core thickness, numbers of caps in a cell, and insertion depth. The result: a product tuned to their acoustic requirements.

Both new and current engine designs may benefit from adoption of Acousti-Cap's® remarkable new technology.

NEW for 2010

An Aluminum version of Acousti-Cap® that provides comparable broadband noise reducing performance, with added cost-savings benefits.

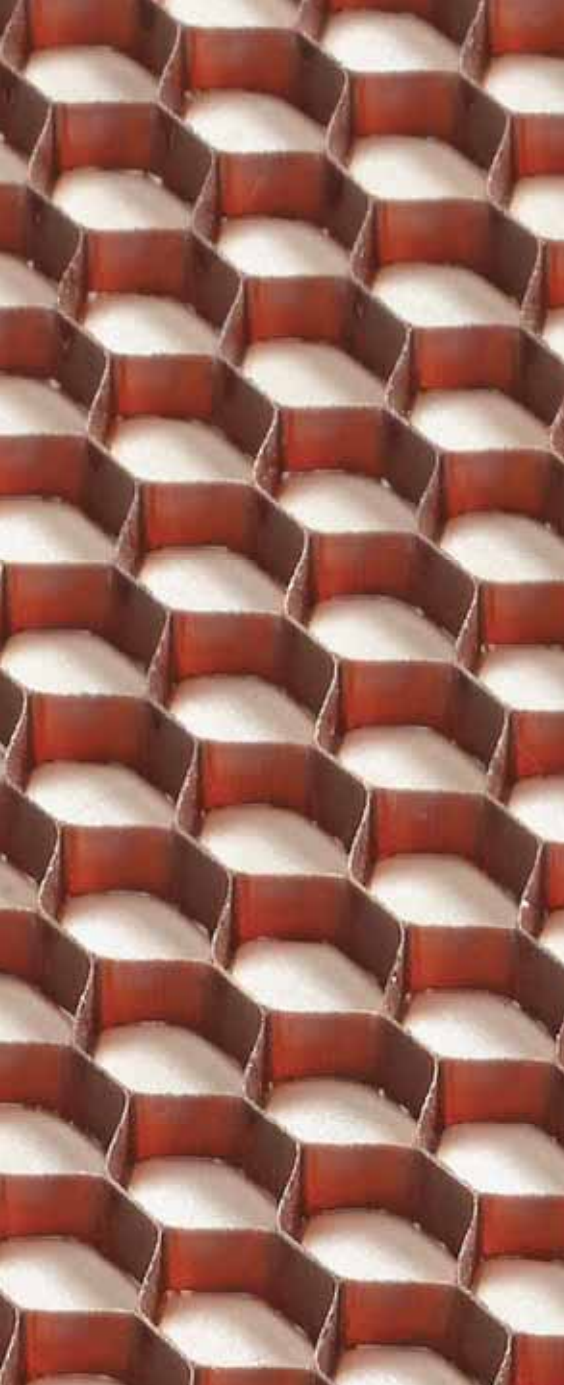
Aluminum Acousti-Cap® can withstand temperatures of up to 175°C/350°F during fabrication of the nacelle core blanket and is processable using industry-standard techniques for forming, joining, cutting and machining.



Benefits of Acousti-Cap®

The use of HexWeb® Acousti-Cap® in airplane engines results in marked noise reduction. This reduction has several benefits:

- Lower landing fees at airports (a recurring savings)
- Increased fleet flexibility
- Improved cabin comfort
- Reduction in other acoustic treatments, resulting in lower weight and cost



Hexcel Corporation, based in Stamford, Connecticut is a leading advanced structural materials company. It develops, manufactures and markets lightweight, high-performance reinforcement products, composite materials and composite structures for use in commercial aerospace, space and defense, and industrial applications. Hexcel has offices and manufacturing plants around the world.

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For more information:

Hexcel is a leading worldwide supplier of composite materials to aerospace and other demanding industries.

Our comprehensive product range includes:

- Carbon Fiber
- RTM Materials
- Honeycomb Cores
- Carbon, Glass, Aramid and Hybrid Prepregs
- Structural Film Adhesives
- Honeycomb Sandwich Panels
- Engineered Core
- Reinforced Fabrics

For worldwide sales office telephone numbers and a full address list please visit www.hexcel.com/contact/salesoffices.

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