

stimulite® honeycomb



Mitigates Vibration



Absorbs Shock



Lightweight



Ventilated



Exceptional Comfort



Low profile provides increased head clearance



Longer service life and lower lifetime cost



Sustainable – washable, recyclable, no adhesives



A **proven performance technology** that is fully customizable to meet any design criteria



Supracor is the manufacturer of Stimulite and the originator of flexible, fusion-bonded honeycomb technology. The company holds over 90 patents on both the manufacturing process and applications for Stimulite worldwide.

Stimulite honeycomb products comply with aviation flammability (14 CFR 25.853) and emergency landing dynamic conditions (14 CFR 25.562) requirements.

For more information visit aerospace.supracor.com

SUPRACOR, INC.
2050 Corporate Court
San Jose, CA 95131-1753

Supracor and Stimulite are registered trademarks of Supracor, Inc.

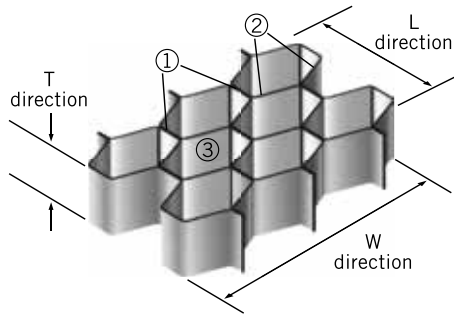
ENGINEERED COMFORT FOR HELICOPTER CUSHIONS

stimulite® honeycomb

A revolutionary alternative to conventional foam that provides exceptional comfort and is lightweight.

Stimulite® Honeycomb Technology for Aviation Applications

Distinguishing Geometry



Fully customizable technology to meet any design criteria

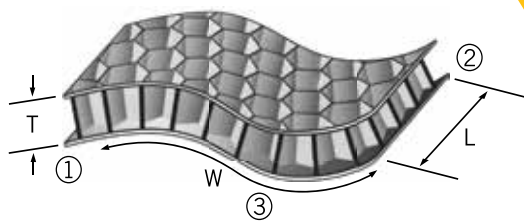
Lightweight – over 90% open space

ENGINEERED COMFORT FOR HELICOPTER CUSHIONS

Stimulite is made from a highly resilient and recyclable thermoplastic material that is fusion bonded into a honeycomb matrix without the need for adhesives.

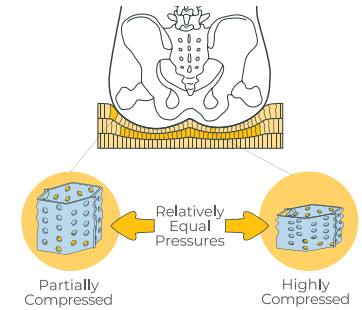
A revolutionary alternative to conventional foam that provides exceptional comfort and is lightweight.

Anisotropic Properties



Optimum strength-to-weight material so seat cushions can be thinner than foam cushions, providing the additional head clearance desired by pilots

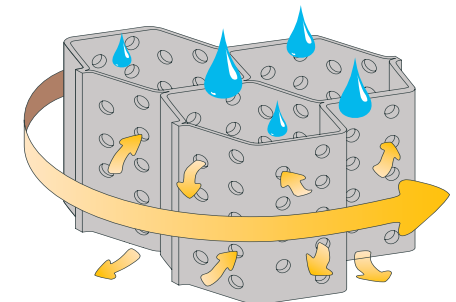
Uniform Load Distribution



Uniformly distributes weight and contours to the body for enhanced comfort.

Cellular matrix stimulates blood flow to prevent the numbness that can result when sitting for extended periods of time.

Complete Ventilation System



Circulates Air & Evaporates Moisture

Perforations keep the body cooler, eliminating the discomfort caused by heat and moisture build up common in traditional cushions.