



# Introducing: Thermo-Lite Board®

## Core Series 0932

### Easy to Process Structural Foam Core

SpaceAge Synthetics' new Thermo-Lite Board® Core Series 0932 is a unique closed cell, **lightweight** composite product, manufactured with cross-linked polymer foam and fiberglass filter.

It is ideally suited as a **core material** for a wide variety of lightweight sandwich structures subjected to static and dynamic loads.

Offered in sheets or cut into parts, our new Core Series 0932 is built for **lifetime performance** at an outstanding price-to-performance ratio.

Our products are manufactured by skilled employees under a Quality Management System that is registered to ISO 9001:2008.

This ensures the products and services you receive from SpaceAge Synthetics meet the highest approved international standards.

We invite you to please speak with one of our knowledgeable Sales Representatives or Engineers for further details about this easy processing structural foam material.

### Characteristics:

- 9 lb/ft<sup>3</sup>
- Compatible with wide range of resins & adhesives
- Excellent Chemical resistance
- Dimensionally stable
- High heat resistance
- Non-absorbent
- High styrene resistance
- Excellent fatigue strength
- Excellent bonding surface
- Resistant to contamination
- Excellent long term thermal stability

### Testing Data

.50" X 48" X 96" Series 0932

Thermo-Lite Board®		Core	
Nominal Density			9 lb/ft <sup>3</sup>
Compression	Strength, psi	ASTM D1621	127 @ 2.5% strain
Compression	Modulus, psi	ASTM D1621	5210
Shear	Strength, psi	ASTM C393	188
Shear	Modulus, psi	ASTM C393	2881

### As a Core Material Used In Marine Applications:

- Hulls
- Decks
- Superstructures
- Bulkheads
- Transoms
- Interior Stringers



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In no way should this technical data be viewed or portrayed as providing exact properties, nor should it be used as actual properties for design purposes. This data is provided in good faith, and gives approximate values for the nominal density. The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. Additional testing provided upon request. Assessment of suitability is the responsibility of end user.