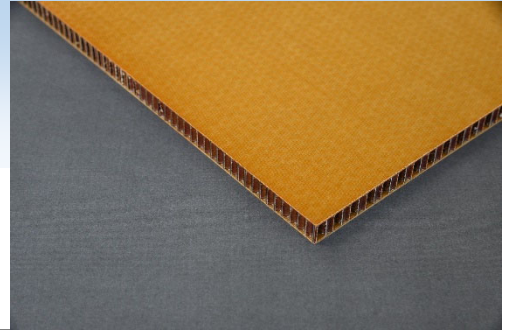


# AeroRigid™ 4K3L

Composites Panel for Aircraft Flooring



The AeroRigid™4K3L is a sandwich panel made with facings of fiberglass cloth reinforced phenolic laminate and Aramid honeycomb core (SAH), designed for use in aircraft Flooring.

SAH: Showa Aramid Honeycomb

## Features

- Low heat release
- Low smoke and toxicity generation
- High impact strength
- Service temperature: up to 180°F

## Applications

The AeroRigid™4K3L is designed for use in aircraft Flooring panels for containerize cargo holds.

## Availability

Thickness : Standard 0.374"  
 Facing : 0.02"  
 Width : Standard 48"  
 Length : Standard 144"

## Construction

Reinforcement : Woven fiberglass cloth  
 Resin system : Phenolic  
 Adhesive : Epoxy  
 Core : High density SAH

## Typical Performance Properties

Part Number	Panel Thickness inch	Panel Wight lbs/sf [Mean]	Long Beam Flexural Load at Failure lbs [Mean]	Short Beam Core Shear psi [Mean]	Climbing Drum Peel in-lbs/in [Mean]	Stabilized Core Compression psi [Mean]	Impact Strength [in-lbs]	Flammability ×1
AR4K3L-A0375	0.374	0.68	445	432	31	1898	35	Good

×1 Meet FAA allowable per FAR 25.853 Appendix F, Part I - Vertical and Forty-five degree; Part IV - Heat Release; Part V - Smoke Emission

Note: Above figures reflect typical values and should not be used as design specifications.

## CONTACT FOR MORE INFORMATION

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