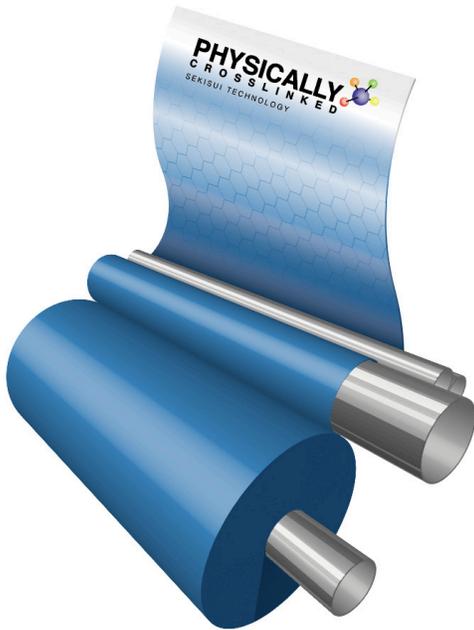




# Softlon LHR

Meet the new, innovative polyolefin foam for aviation interiors



Softlon LHR (Low Heat Release), from Sekisui Global foam solutions sets a new standard for aircraft-grade foam. Innovated especially for aviation, Softlon LHR, produced in rolls from polyolefin, is 20 percent lighter than traditional foams - and it complies with aviation requirements for heat release, vertical burn, smoke density, and toxic gas emission.

Softlon LHR can be thermoformed to achieve the intricate fit required by certain applications. Combining high performance with low heat release and soft touch cushioning, Softlon LHR meets OSU65/65 for interior applications, and it's equally at home in passengers' personal spaces and in aircraft's public areas.

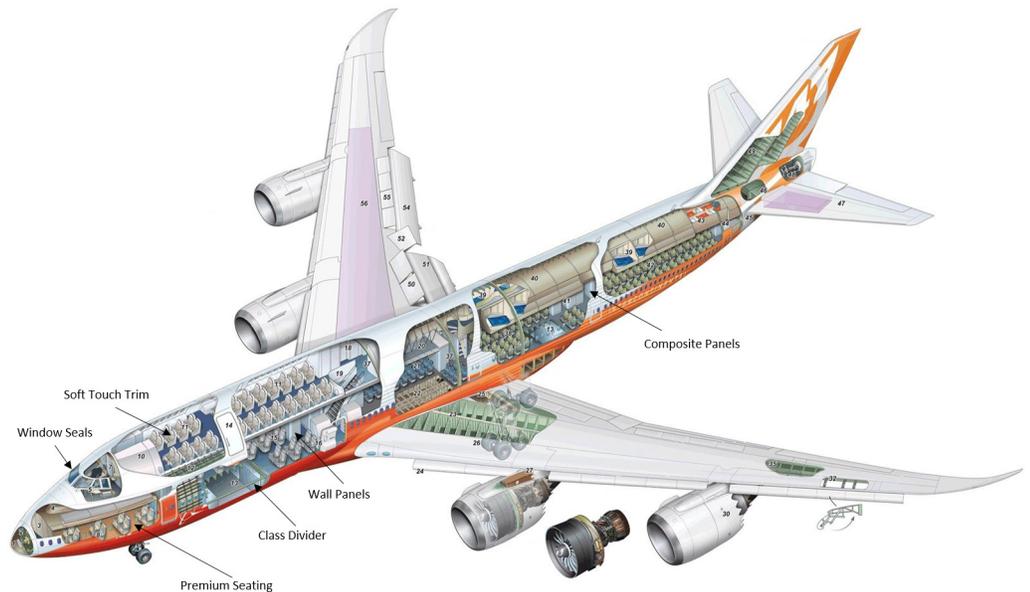
**Now you can upgrade your passengers' experience, even if they're already flying first class**

Connect with a Sekisui Voltek team member today to learn more and order your free sample kit.

Phone: 1-800-544-2254

Email: [prodinfo@sekisuivoltek.com](mailto:prodinfo@sekisuivoltek.com)

Website: [www.sekisuivoltek.com](http://www.sekisuivoltek.com)



## Compliance

Properties	Test Method	Softlon LHR
Heat release 65/65	FAR 25.853(d) App. F Part IV	Pass*
60-second vertical burn	FAR 25.853(a) App. F Part I	Pass
12-second vertical burn	FAR 25.853(a) App.F Part1	Pass
Smoke density	FAR 25.853(d) App. F Part V	Pass
Toxic gas emission	BSS7239/AITM3.0005	Pass

Below 3/8 inch thickness (9mm)

## Comparison

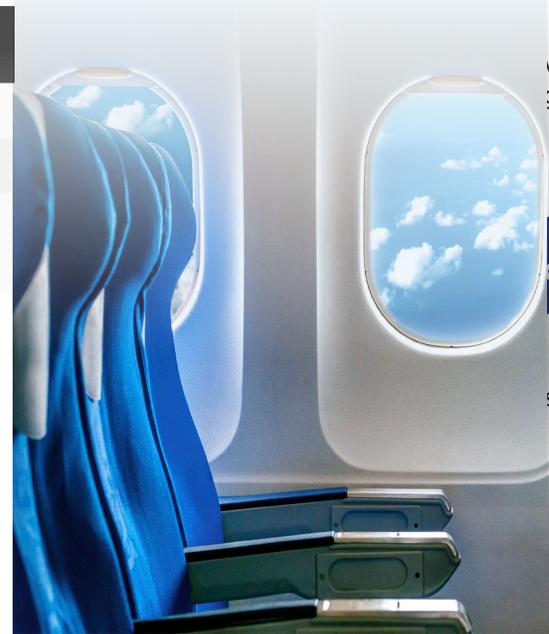
Foam in Aircraft	Passed 65/65	Thermo Forming Process	Thermal Conductivity** (W/m·K)	Density Range (lb/ft³)**				
				1	2	3	6	10
Softlon LHR	✓	✓	0.034 @10°C	Min. 1.5pcf				
PVDF	✓	✓	0.034 @10°C	Min. 1.9pcf				
Polyethylene		✓	0.034 @10°C					

\*\* Research base: by SEKISUI

## Sekisui Voltek Providing our customers with integrated global solutions.

At Sekisui Voltek, our focus is on developing and producing cross-linked, closed-cell polyolefin foams for our many customers throughout North America.

As a High Performance Plastics Company within Sekisui, we are an integral part of a worldwide network dedicated to problem-solving, continuous improvement and complete customer satisfaction. As a result, you can rest easy knowing that we will provide you with a winning solution anywhere around the world.



## Specifications

Product Name	Density	Thickness	Width	Length
Softlon 015LHR0250NA (Standard grade)	1.5 pcf (24 kg/m³)	1/4 in. (6.4 mm)	70 in. (1.78 m)	500 ft. (152 m)



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