



LUMIRA™ AEROGEL BLANKET LB800

The Lumira™ aerogel blanket consists of Lumira granules within non-woven fibers that produce a flexible, compressible, highly efficient insulation material. Less dusty than competing blankets, with a thermal conductivity that doesn't degrade, but improves with compression, the blanket can be used in a variety of daylighting and building applications. The Lumira blanket enables a unique design aesthetic and exceptional light transmission without sacrificing energy efficiency. Other attributes include:

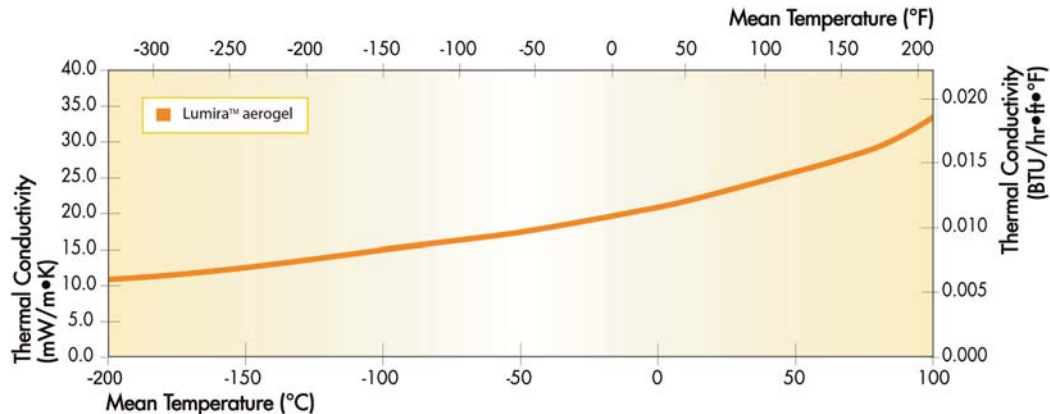
- Easily cut or sewn
- Flexible
- Lightweight
- Compressible
- Bounces back from compression
- Light transmitting

Product Features

Available thickness	8mm other thicknesses available upon request
Width	Standard 56cm
Length	Rolls up to 100m
Density	~70kg/m ³ (5.6 - 6.2lb/ft ³)
Tensile strength	~517kPa (~75lbs/in ²)
Fiber composition	Polyester and polyethylene
Operating temperature	-200° to 125°C continuous (160°C peaks)
Light transmission	~20% (8mm)

The unmatched thermal properties, hydrophobicity and sound absorption of high performance Lumira aerogel make it the obvious choice for a variety of applications.

Cabot aerogel is reusable, safe for human and ecological systems, and is manufactured with little to no impact on the environment. It holds Silver Cradle to CradleSM certification from McDonough Braungart Design Chemistry. This stringent independent certification process examines a product's manufacturing characteristics and ecological impact, aiming to eliminate waste entirely and create a healthy and sustainable society. Cabot certifies it has completed the EU REACH pre-registrations required for all Cabot aerogel products.



For mean temperatures outside ranges shown, please contact Cabot Aerogel for more information, as performance varies based on material grade and specific application.

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