



NANOGE[®] AEROGEL THERMAL WRAP[™]

Nanogel Aerogel Thermal Wrap consists of Nanogel 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, Thermal Wrap can be used in a variety of applications. It is easily laminated to create infinite thicknesses or surfaces. Other attributes include:

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

Product Features

Available thickness	3.5mm/6mm/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)

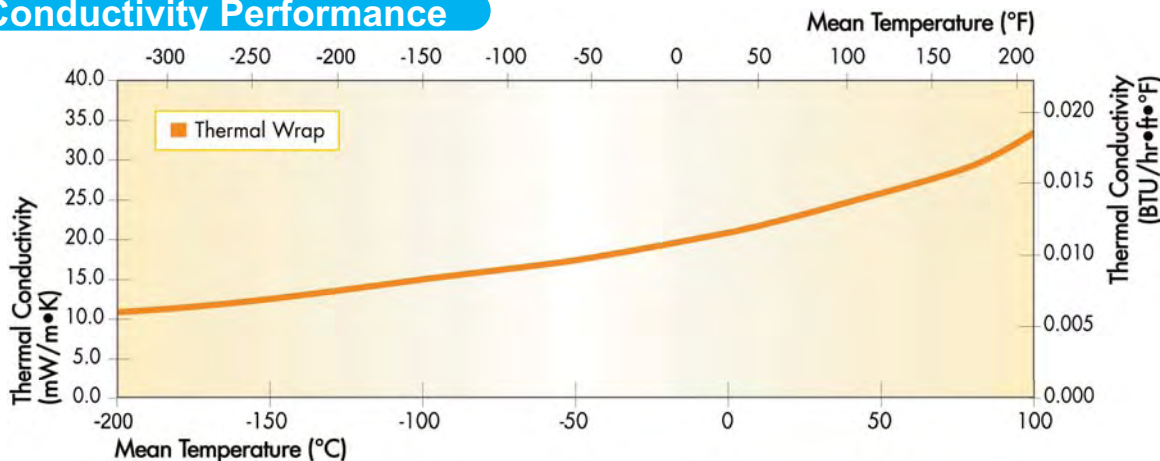
The unmatched thermal properties of high performance Nanogel aerogel make it the obvious choice for a variety of applications. Other benefits include:

- Hydrophobicity
- UV stability
- Sound absorption

Nanogel aerogel is reusable, safe for human and ecological systems, and is created through a closed loop process with little to no impact on the environment. It holds Silver Cradle to CradleSM certification from McDonough Braungart Design Chemistry. Cabot certifies it has completed the EU REACH pre-registrations required for all Nanogel aerogel products.



Thermal Conductivity Performance



Cabot Corporation
2 Seaport Lane, Suite 1300
Boston, MA 02210
978.670.6266
www.nanogel.com

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