

THERMAL WRAP™ TW250 AEROGEL BLANKET

Product highlights

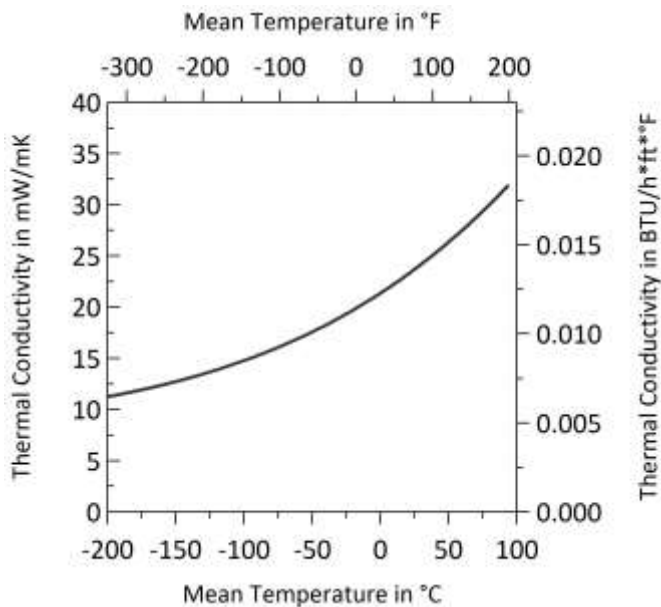
Thermal Wrap blanket is made of aerogel granules embedded in non-woven fibers, which produces a flexible, compressible, and highly efficient insulation material. This product produces less dust than competing wraps. Also, uniquely, its thermal conductivity does not degrade under compression, but actually improves. Thermal Wrap blanket can be used in a variety of applications for thermal and sound insulation from construction to oil and gas pipelines. It is easily laminated to create any thickness or surface.



Other key features of this product include:

- ◆ Easily cut or sewn
- ◆ Flexible
- ◆ Lightweight
- ◆ Highly insulative
- ◆ Light transmitting
- ◆ Sound absorbing

Thermal Wrap aerogel blanket thermal conductivity vs. temperature



For mean temperatures outside ranges shown, please contact your Cabot representative, as performance varies based on material grade and specific application.

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PRODUCT FEATURES	
PROPERTY	DATA
Thickness	2.5 mm
Width	Standard 75.7 cm (30")
Length	Standard length of 160 m, but can customize if necessary
Density	~70 kg/m ³ (~4.4 lb/ft ³)
Tensile strength	~517 kPA (~75 lbs/in ²)
Fiber composition	Polyester and polyethylene
Operating temperature	-200° to 125°C continuous (160° peaks)
Light transmission	~20% at 8 mm

The data in the table above are typical test values intended as guidance only; they are not product specifications. Product specifications are available upon request from your Cabot representative.

For more information about our Thermal Wrap aerogel blankets, contact NA.Aerogel.Sales@cabotcorp.com

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

Thermal Wrap is a trademark of Cabot Corporation.

AMERICA
Business & Technology Center
157 Concord Road
Billerica, MA 01821-7001
United States
T +1 800 462 2313

EUROPE
Cabot Aerogel GmbH
Industriepark Höchst, Bldg. D 660
Frankfurt am Main 65926
GERMANY
T +49 69 305 8087
aerogel@cabotcorp.com

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