

Thermal Wrap™ TW800 AEROGEL BLANKET

Product highlights

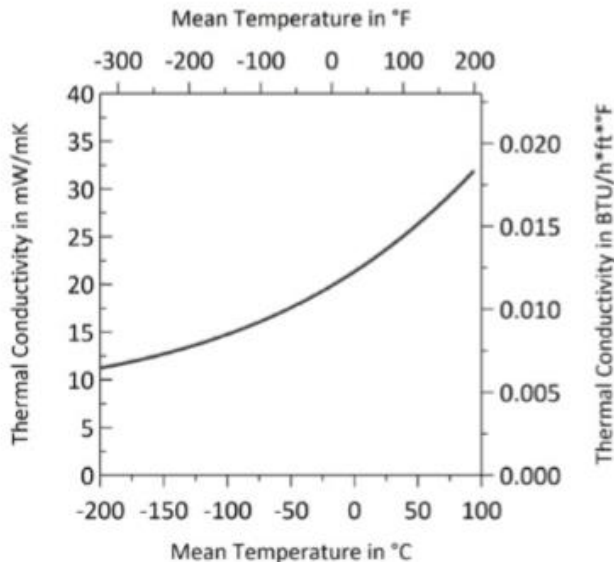
Thermal Wrap blanket is made of aerogel granules embedded in non-woven fibers, which produces a flexible, compressible, and highly efficient insulation material. This product produces less dust than competing wraps. Also, uniquely, its thermal conductivity does not degrade under compression, but actually 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.

Thermal Wrap™ TW800 AEROGEL BLANKET

PRODUCT FEATURES	
PROPERTY	DATA
Thickness	8.0 mm
Width	Standard 75.7 cm (30")
Length	Standard length of 60 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 intended as guidance only and 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

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