

## Thermal Wrap™ TW600 AEROGEL BLANKET

**Product highlights**

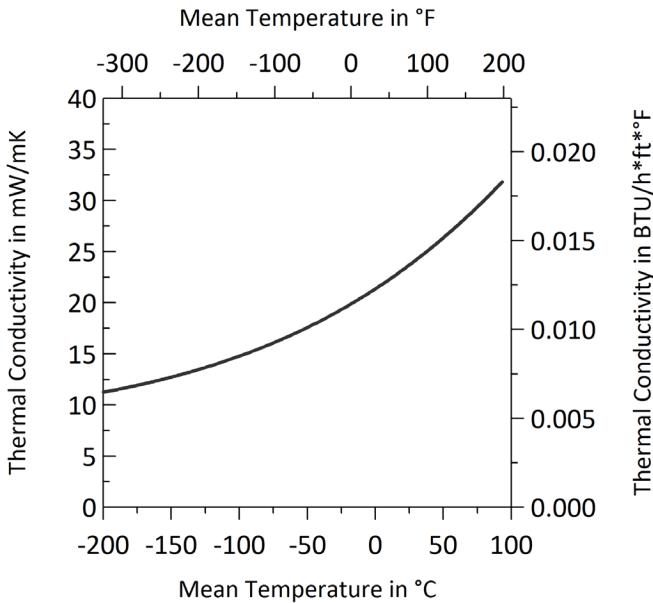
Thermal Wrap blanket is made of aerogel granules embedded in non-woven fibers, which produces a flexible, compressible, and highly efficient insulation material. This product produces less dust than competing wraps. Also, uniquely, its thermal conductivity doesn't degrade under compression, but actually 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™ TW600 AEROGEL BLANKET

| PRODUCT FEATURES      |   |
|-----------------------|---|
| PROPERTY              | DATA  |
| Thickness             | 6.0 mm  |
| Width                 | Standard 75.7 cm (30")                                  |
| Length                | Standard length of 85 m, but can customize if necessary |
| Density               | ~70 kg/m <sup>3</sup> (~4.4 lb/ft <sup>3</sup> )        |
| Tensile strength      | ~517 kPA (~75 lbs/in <sup>2</sup> )                     |
| 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](mailto: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](http://cabotcorp.com).

Thermal Wrap is a trademark of Cabot Corporation.

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