

## Thermal Wrap™ TW350 AEROGEL BLANKET

### Product highlights

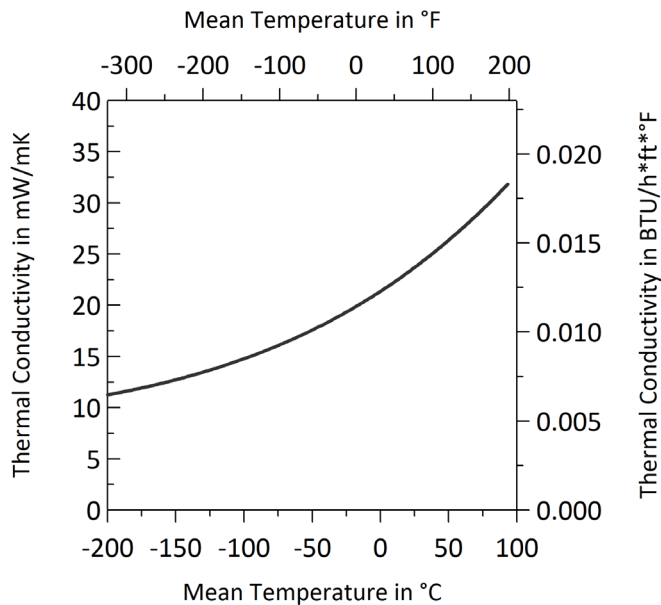
Thermal Wrap blanket is made of aerogel granules embedded in non-woven fibers, which produces a flexible, compressible, and highly efficient insulation material. This product produces less dust than competing wraps. Also, uniquely, its thermal conductivity doesn't degrade under compression, but actually 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™ TW350 AEROGEL BLANKET

PRODUCT FEATURES	
PROPERTY	DATA
Thickness	3.5 mm
Width	Standard 75.7 cm (30")
Length	Standard length of 120 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.

<b>NORTH AMERICA</b> Business & Technology Center 157 Concord Road Billerica, MA 01821-7001 United States T +1 978 436 2111 F +1 978 670 7035	<b>SOUTH AMERICA</b> Cabot Brasil Industria e Comercio Ltda. Rua do Paraíso 148 - 5º andar 04103-000 São Paulo Brazil T +55 11 2144 6400 F +55 11 3253 005	<b>EUROPE</b> Cabot Aerogel GmbH Industriepark Höchst, Bldg. D 660 Frankfurt am Main 65926 Germany T +49 69 305 29331 F +371 670 50 985	<b>MIDDLE EAST/AFRICA</b> Cabot Specialty Chemicals Jebel Ali Free Zone LOB 15, Office 424, Dubai United Arab Emirates T +971 4 8871 800 F +971 4 8871 801	<b>ASIA PACIFIC</b> Cabot China Ltd. 558 Shuangbai Road Minghang District Shanghai 201108 China T +86 21 5175 8800 F +86 21 6434 5532	<b>JAPAN</b> Cabot Specialty Chemicals, Inc. Sumitomo Chiba-Daimon Bldg, 3F 2-5-5 Shiba Daimon, Minato-ku, Tokyo 105-0012 Japan T +81 6820 0255 F +81 3 5425 4500
---	---	--	--	--	--

The data and conclusions contained herein are based on work believed to be reliable, however, Cabot cannot and does not guarantee that similar results and/or conclusions will be obtained by others. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. This information may contain inaccuracies, errors or omissions and CABOT DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.