

Thermal Wrap™ TW600 AEROGEL BLANKET

Product highlights

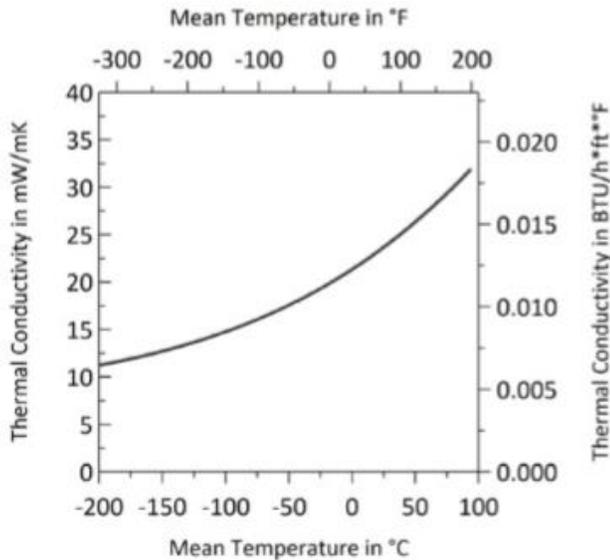
Thermal Wrap blanket is made of aerogel granules embedded in non-woven fibers, which produces a flexible, compressible, and highly efficient insulation material. This product produces less dust than competing wraps. Also, uniquely, its thermal conductivity does not degrade under compression, but actually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

NORTH AMERICA

Cabot Plastics Canada
707 Pierre Tremblay Boulevard
Saint-Jean-sur-Richelieu
QC, J2X 5G5
Canada
T +1 450 347 4371
F +1 450 347 9936

SOUTH AMERICA

Cabot Brasil Industria e
Comercio Ltda.
Rua do Paraíso 148 - 5° andar
04103-000 São Paulo
Brazil
T +55 11 2144 6400
F +55 11 3253 0051

EUROPE

SIA Cabot Latvia
101 Mukusalas Street
LV-1004 Riga
Latvia
T +371 670 50 900
F +371 670 50 985

MIDDLE EAST/AFRICA

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

ASIA PACIFIC

Cabot China Ltd.
558 Shuangbai Road
Minghang District
Shanghai 201108
China
T +86 21 5175 8800
F +86 21 6434 5532

JAPAN

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.