

THERMAL WRAP TW350, 600, 800



The Thermal Wrap blanket consists of Cabot aerogel granules within non-woven fibers that produce a flexible, compressible, highly efficient insulation material. Less dusty than competing blankets, with a thermal conductivity that doesn't degrade, but improves with compression, the blanket can be used in a variety of applications from building and construction to oil and gas pipelines. It is easily laminated to create infinite thicknesses or surfaces. Other attributes include:

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

Product Features

Available thickness	3.5mm/6mm/8mm other thicknesses available upon request
Width	Standard 56cm
Length	Rolls up to 100m
Density	~70kg/m ³ (5.6 - 6.2lb/ft ³)
Tensile strength	~517kPa (~75lbs/in ²)
Fiber composition	Polyester and polyethylene
Operating temperature	-200° to 125°C continuous (160°C peaks)
Light transmission	~20% (8mm)

Cabot aerogel is reusable, safe for human and ecological systems, and is manufactured with little to no impact on the environment. It holds Silver Cradle to CradleSM certification from McDonough Braungart Design Chemistry. This stringent independent certification process examines a product's manufacturing characteristics and ecological impact, aiming to eliminate waste entirely and create a healthy and sustainable society. Cabot certifies it has completed the EU REACH pre-registrations required for all Cabot aerogel products.



Thermal Conductivity Performance

