

Aerogel Insulation Blanket**Description:**

DAIGEL-65 is a high-temperature insulation blanket that is formed of silica aerogel which processes the lowest thermal conductivity of any known solid insulation material, and reinforced with a non-woven, glass fiber batting. DAIGEL-65 is easy product to handle, store, and install. It is with standard roll sizes and a product form that dramatically reduces handling dust and simplifies installation and clean-up.

Application:

DAIGEL-65 is ideal for insulating piping, vessels, tanks and equipment. It's an essential material for those seeking the ultimate in thermal efficiency.

Physical Properties

Thickness (mm)	3	6	10
Length (Meter)	34	34	25
Width (Meter)	1.5	1.5	1.5
Suggested Working Temperature	-50 °C ~ 650 °C		
Color	Beige		
Density	200 Kg/m3		
Hydrophobic	Yes		

For special dimension requirements, please contact our local representative.

**Advantages:**

- **Superior Thermal Performance**
Up to five times better thermal performance than competing insulation products
- **Reduced Thickness and Profile**
Equal thermal resistance at a fraction of the thickness
- **Less Time and Labor to Install**
Easily cut and conformed to complex shapes, tight curvatures, and spaces with restricted access
- **Physically Robust**
Soft and flexible but with excellent springback



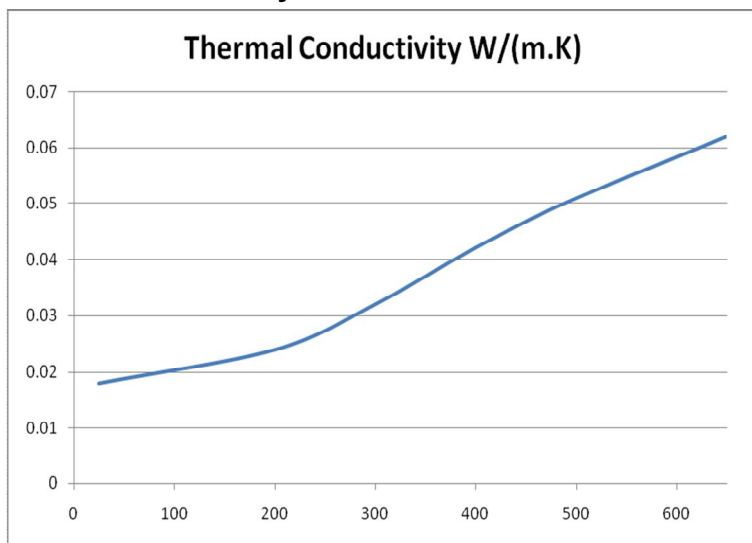
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- **Shipping and Warehousing Savings**

Reducing material volume and low scrap rates can reduce logistics cost

- **Hydrophobic Yet Breathable**

DAIGEL-65 repels liquid water but allows vapor to pass through, helping to prevent corrosion under insulation

Thermal Conductivity

Mean Temperature	Thermal Conductivity W/(m.K)
25°C	0.018
200°C	0.024
300°C	0.032
400°C	0.042
500°C	0.051
650°C	0.062

Characteristics:

DAIGEL-65 can be cut with conventional cutting tools including scissors, and razor knives. It is recommended gloves, safety glasses, and dust mask be worn when handling material.

See our MSDS for complete health and safety information.

