

TDS I CORSYS GF 650 AEROGEL BLANKET

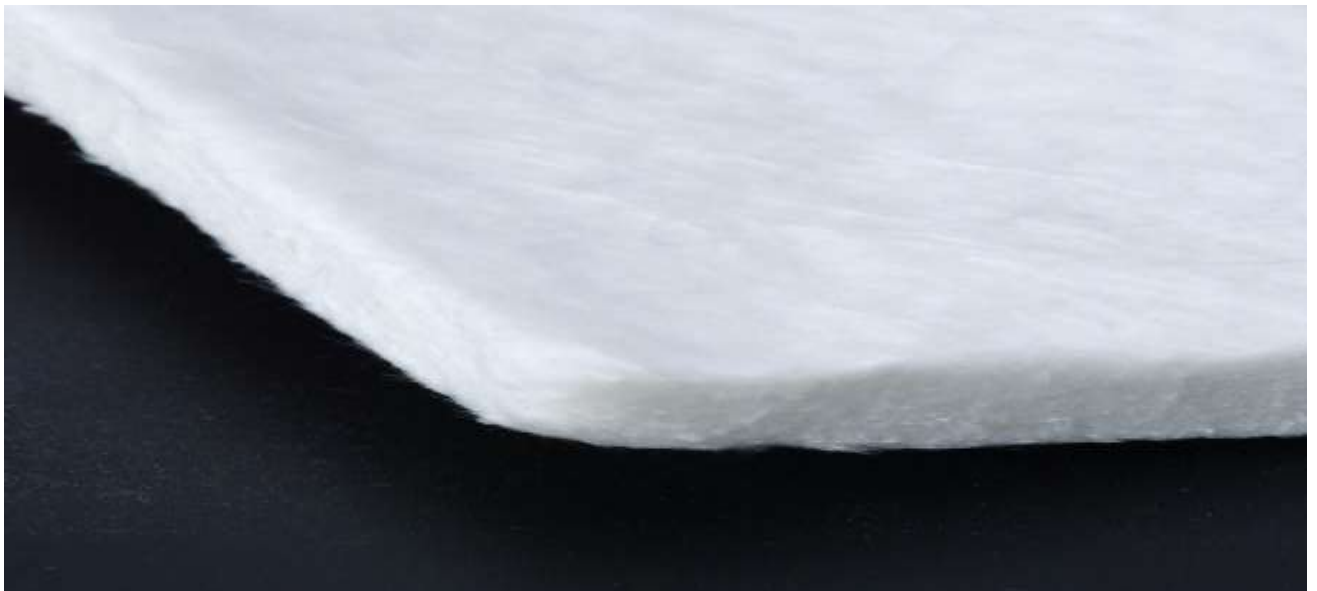
The I Corsys GF 650 Series is a range of flexible and high-performance insulation blankets made from a composite of silica aerogel and fibers. It is ideal for insulation of pipes, tanks, vessels, and other applications.

The I Corsys GF 650 Series is a perfect choice for those seeking better insulation performance and lower energy consumption.

Containing silica aerogel granules—currently known as the solid with the lowest thermal conductivity ($\leq 0.021 \text{ W/m}\cdot\text{K}$)—the I Corsys GF 650 Series offers a flexible, environmentally friendly, and easy-to-process insulation material that has become a leading product in the industry.

I Corsys GF 650 is a fiberglass-reinforced aerogel insulation blanket (used for energy efficiency, fire and thermal insulation, and building insulation), with an operating temperature range of -50°C to $+650^\circ\text{C}$ and a thermal conductivity between $0.017\text{--}0.023 \text{ W/m}\cdot\text{K}$.

I CORSYS GF 650 - Picture



Product Features	I corsys GF 650
Color	Burgundy, White, Grey, Black
Thickness	3mm / 5mm / 6mm / 10mm
Roll Dimensions	10 mm: Width 1500 mm × 30 m
	6 mm: Width 1500 mm × 38 m
	5 mm: Width 1500 mm × 42 m
	3 mm: Width 1500 mm × 45 m
Hydrophobic	Yes
Operating Temperature	-50 °C - 650 °C
Thermal Conductivity at 25 °C	0,017 ~0,023 W/(m • K)

Application Advantages of I Corsys GF 650 Aerogel Blanket for Thermal Insulation

1. Superior Insulation Performance

Delivers 2 to 5 times better insulation performance compared to traditional insulation materials.

2. Reduced Insulation Thickness

Achieve the same insulation performance with only a fraction of the thickness required by conventional materials.

3. Hydrophobic and Fire-Resistant

Prevents water intrusion into pipes and equipment; rated A1 for fire resistance.

4. Ease of Use

Lightweight and easily cut or sewn to fit various shapes of pipes and equipment; requires less labor for installation.

5. Transport Cost Savings

Lower packaging volume and reduced weight can significantly reduce logistics and transportation costs.