



Graphene Infused Textiles

Winning a Nobel Prize in 2010, graphene is the most cutting edge mineral of our time. It is the thinnest, strongest and most durable material in the world – so strong a spider’s web coated in a single layer of graphene could catch a falling airplane.

As part of our *Sleep Solutions* range of specialty sleep fabrics, *Graphene* adds the following properties:

Durability

Graphene is the strongest material in the world. It is known to endure extreme wear and tear, this could ensure the consumer gets maximum lifetime use of their mattress.

Heat Transfer

Graphene is also known for its heat transfer properties. This means it can redistribute heat from the warmer parts of the body to the cooler parts. For example, heat could transfer from the warm chest to cold feet, regulating body temperature while you sleep.

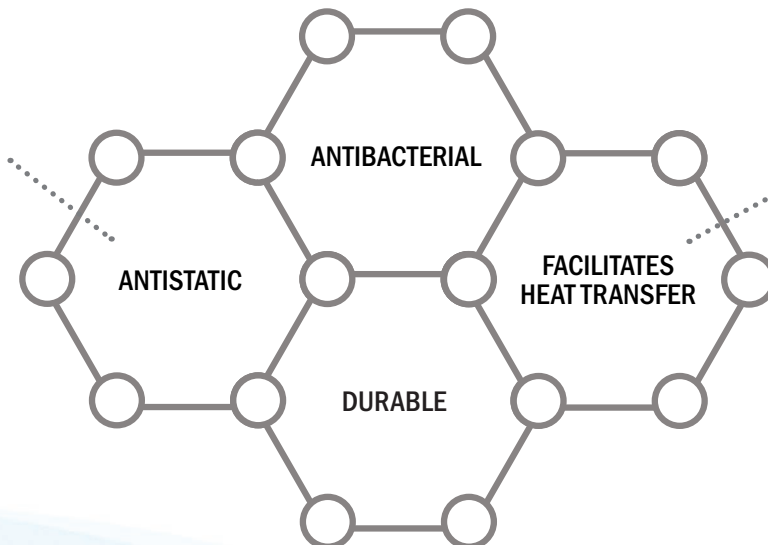
Antibacterial

Graphene is a natural antibacterial. Not only does graphene destroy bacteria cell membranes, but it also prevents bacteria from growing on its surface.

Antistatic

Graphene has a Grade A level of electrical conductivity, higher than both copper and silver. The result is antistatic characteristics that reduces electromagnetic sparks.

Grade A standard
Test Method: GB/T 12703.1-2008
Electrostatic pressure = 11.39



Far infrared emissivity = 0.88
Far infrared irradiation temperature rise = 2.5°C
Emits far infrared light ranging from 4 to 16 μm

**Test results available upon request, please note that test results are provided by the yarn supplier and your results may vary*

Please call our specialist for more information about the fresh and exciting new textiles and our broad range of capabilities.

514.485.9900 | www.tricots-liesse.com | zzz@tricots-liesse.com