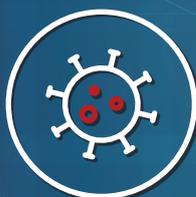




GRAPHENE  
SQUARE  
CHEMICAL

# GRAPHENE COOL-SAFE EMERGENCY KIT

COOLING SOLUTION FOR HEATWAVE



ANTI-BACTERIAL  
MATERIAL



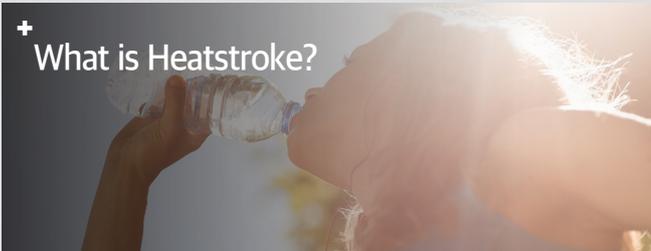
QUICK  
RESPONSE



POWERFUL  
COOLING



**+ GRAPHENE COOL-SAFE  
EMERGENCY KIT COMPONENTS**

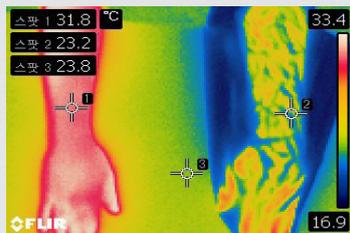


**+ What is Heatstroke?**

As temperatures gradually increase due to global warming, the occurrence of emergencies by heat waves is on the rise every year.

Prolonged exposure to heat waves can cause serious physical damage such as giddiness, cramps, loss of consciousness, etc.

The best solution for such emergencies is to rapidly decrease the body temperature as quickly as possible.



**+ What is the Graphene Cooling Sheet?**

The porous cooling sheet coated with graphene, a new functional material with great thermal conductivity, has a wonderful heat dissipation effect, allowing a rapid temperature decrease.

**FEATURES OF THE GRAPHENE COOL-SAFE EMERGENCY KIT**



**+ Effective Cooling**

Powerful cooling effect achieved by the **great thermal conductivity of graphene** combined with the **cooling effect of a functional porous fibrous sheet**



**+ Rapid and Easy to Use**

Immediate use after opening **easy-cut packaging**, effectively addressing emergencies



**+ Antibacterial Effect**

Graphene's antibacterial effect allows **long-term storage without contamination**



**+ Patent**

Patent application for the manufacturing method of graphene cooling sheets (10-2024-0080456)

**\* Supply/Sales of the GRAPHENE COOL-SAFE EMERGENCY KIT to the Ministry of National Defense in Korea (2023~2024)**

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