After years of intense research on GRAPHENE, a major breakthrough has been made with the development of graphene-based special textile fibers, KYORENE®. The advent of Armor Guys Inc. graphene-based range of protective gloves, a dramatic change in hand and arm protection for generations to come is on the horizon.

Graphene is a kind of nano-sized carbon material that is the most important and leading edge material on earth and possesses inherent properties beyond imagination. The density of graphene is harder than a diamond, is 100-300 times stronger than steel and is the strongest material ever measured in the world. It has an astonishing thermal conductivity of 130 GPA and has a breaking tenacity that reaches 42N/m while the density is only 2.2g/cm.

When introducing graphene to a variety of textile fibers, the characteristics of those fibers show superior performance, nothing like anything that has ever been seen. Graphene-based gloves have incredibly high tensile strength, offer superior cut, abrasion and heat resistance. At the same time, graphene possesses anti-corrosion, anti-aging, anti-bacterial, anti-static, and anti-ultraviolet properties.

Armor Guys Inc. would like to introduce our newest range of high performance gloves, KYORENE®, which is made from our proprietary graphene-based special fibers. Lightweight, comfortable, soft, flexible, and extremely strong, KYORENE® is THE next generation material that will substantially change and enhance the properties of hand protection as it is known today. Armor Guys will continue to be at the forefront of this innovation as THE leading player in the introduction of graphene to the market for high quality hand, arm and body protection. KYORENE® will dramatically change the safety standards that we hold in the market today and Armor Guys Inc. is the only manufacturer in the world bringing it to market.

Graphene will transform the properties

- Stronger Safety Gear for Workers
  - Gloves
  - Helmets
  - Glasses
  - Safety Vest
  - Safety Jackets

- Antibacterial Products
  - Medical Gloves
  - Medical Equipment
  - Beddings
  - Infant Clothing

- Renewable Energy
  - Photovoltaic Cells
  - Solar Panels
  - Solar Back-Sheets

- Military Technology
  - Aircraft Production
  - Bullet Proof Vest
  - Stronger and Lighter Gear
  - Information Transfer
  - Bio Medical Research

- Super Charged Batteries
  - Electric Cars
  - Smart Phones
  - Laptops

- More High Performance Products
  - Tires
  - Air Bags
  - Rugs
  - Wigs

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View our KYORENE® catalog

Some parts of the material used in the manufacture of this glove have been patented by other manufacturers.