

# HONEYWELL CENTURION™ COMPOSITE FABRIC

Powered by Spectra® Fiber

**Honeywell**

THIS PRODUCT MADE WITH  
**Honeywell Centurion™**  
lightweight composite fabric



# Centurion™ Composite Fabric

Centurion is the latest performance fabric made from Honeywell Spectra® fiber and is suitable for any type of application where the product needs to be strong but lightweight.



## Lightweight Strength

Centurion fabrics are made with Spectra® fiber, a high-molecular-weight polyethylene fiber that is 15 times stronger than steel at the same weight. High strength Centurion fabric allows tactical vests to be made with less material, achieving lighter weight vests without sacrificing on strength.

With less material required, Centurion composite fabrics enable design constructions that can be 35-40 percent lighter than traditional modular lightweight load-carrying equipment (MOLLE) web designs.



## Comfort and Mobility

Reduced weight alleviates the fatigue and stress placed on the body during wear. Combined with Spectra fiber's strength, Centurion fabric does not compromise, providing both comfort and performance for the wearer.

Centurion fabric-made vests can be designed to be thinner and more flexible, which provide better mobility for law enforcement officers. Centurion plate carrier vests have improved ease of motion and are more aerodynamic.

Centurion fabric also repels water, which means it offers performance advantages for the wearer in rainy or damp conditions.



## Durability

Centurion fabric is cut-resistant and abrasion-resistant, allowing for longer use of the plate carrier vest in tough environments before replacement.



## Manufacturability

Centurion fabric comes as a rolled good, allowing for higher yields in manufacturing and a smaller footprint in warehouse storage. Centurion fabric is also easy to use on cutting tables.

The ability to laser cut directly into Centurion fabric provides for less sewing, which reduces operational costs. The integrity of Centurion fabric allows complicated cut-out designs for a multitude of customization options.

Centurion fabric is available in a variety of colors, to match uniform aesthetics, or for stealth operations.



## Honeywell Trust

Honeywell has a decades-long legacy of protecting law enforcement and military around the world in ballistic applications. Officers count on Honeywell products to provide quality, life-saving materials.

Spectra Shield® and Gold Shield® technologies are globally used in bullet-resistant personal and vehicle armor, as well as in helmets and hand shields.

### For additional information

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