

## TenCate SouthernMills introduces ultra-light Quantum3D™ thermal barrier at FDIC 2008

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**ATLANTA, GA – Following last year's successful introduction of Quantum3D, TenCate™ SouthernMills™ is introducing an ultra-light version of Quantum3D™ to its premium line of thermal barrier fabrics. This product compensates for the heavier weight moisture barriers that have recently been introduced to the market.**

Special turnout gear to protect from CBRN (chemical, biological, radiation, nuclear) threats is gaining interest throughout the fire service. Recent demand in the market has also called for a more durable moisture barrier. Additional CBRN protection and extended durability both add weight to the protective garment system.

In combination with the 3-layer Crosstech® moisture barrier, the new super-light version of QUANTUM3D compensates for this weight increase while offering the same high level of thermal insulation as a composite containing QUANTUM3D 2-layer and 2-layer Crosstech.

The revolutionary 3-dimensional structure of QUANTUM3D™ barriers provides higher thermal insulation without adding weight, decreasing THL performance, or reducing freedom of movement. QUANTUM3D makes for lighter gear without compromise to protective performance. Its slick GoldCheck™ face cloth makes for easy donning and doffing. Added Wickwell™ Plus technology moves perspiration away from the body.



QUANTUM3D 1-layer is an eligible component of the TenCate SouthernMills Peak Performance System™.



The [Peak Performance System](#) from TenCate SouthernMills eliminates the guesswork by guiding you to the best performing fabrics utilized in firefighters' three essential layers of protection. This unique concept brings the best materials together in fabric systems that make no compromise in protection, comfort or quality.

### About TenCate SouthernMills

Founded in 1925, TenCate SouthernMills is a Georgia-based manufacturer of reliable, high performance protective materials with technically advanced materials and engineering. The company is the number one manufacturer of fire protective clothing fabrics. TenCate SouthernMills provides its protective products to garment manufacturers in the global industrial, emergency response and government sectors that produce garments for firefighters, petrochemical workers, utility workers, wildlands firefighters, Navy shipboard personnel, welders, combat vehicle crewmen, molten metal workers, military aviators and many more. TenCate SouthernMills is a subsidiary of Royal Ten Cate. For additional information, please visit [www.southernmills.com](http://www.southernmills.com).

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