



Peak Performance System™



The Best Combination of Fabrics for the Best Performance. TenCate Peak Performance System™

TenCate's Peak Performance System combines the best materials for the best protection, durability and comfort: TenCate Millenia™ XT or TenCate Gemini™ outer shell fabric, plus a TenCate Quantum3D® thermal barrier fabric and a Gore Crosstech® moisture barrier. Our Peak Performance System helps you specify the highest-performing materials on the market today, giving you the best performance money can buy.



OUTER SHELL FABRICS

TENCATE Millenia XT

- The only outer shell fabric that comes with a 5-year warranty
- 250% stronger after thermal exposure than any other competitive outer shell
- Unmatched durability. Top performance in abrasion resistance

or

TENCATE Gemini with MATRIX™ technology

- 5-7 times better abrasion resistance than competitive Pbi fabrics
- Patented construction
- Excellent thermal protection

MOISTURE BARRIER FABRIC

Gore Crosstech®

- Dry and comfortable protection
- Prevents hazardous liquids penetration, e.g. chemicals, body fluids
- Legendary breathability
- Reduces heat stress

THERMAL BARRIER FABRIC

TENCATE Quantum3D

- Patented 3D design provides higher TPP without compromising THL performance
- Thin and flexible. Ultra "slick" face cloth, provides greater ease of movement
- Wickwell Plus™ for superior wicking performance





**Peak
Performance
System™**

All that stands between you and disaster is the fabric in your turnout gear. Choosing the best combination of fabrics has always been a daunting process. Until now.

Now TenCate eliminates the guesswork. Building on our tradition of fabric expertise and product innovation, the Peak Performance System™ brings the best materials together in fabric systems that make no compromise in protection or quality. This system helps you specify the highest performing materials on the market today, giving you the best protection that money can buy.

The Peak Performance System guides you to the highest performing turnout gear.

**TENCATE
Millenia XT**

Millenia™ XT and Gemini™ with Matrix® Technology are the Toughest Outer Shells and made from our technologically-advanced protective fabrics which provide the fire service industry with superior thermal performance before and after exposure and outstanding strength against tear and abrasion.

**TENCATE
Gemini™**
with MATRIX technology



CROSSTECH® - The Leading Moisture Barrier from GORE® keeps firefighters dry and protects them from penetration by hazardous liquids, such as chemicals and body fluids. Legendary breathability reduces heat stress by wicking away heat and vapor.

**TENCATE
Quantum3D™**

Quantum3D™ Revolutionary Thermal Barrier takes thermal barrier technology to an entirely new level. Our proprietary, patented design provides higher TPP without compromising THL performance. It also provides better insulation while enhancing ease of movement and greater flexibility.

TENCATE

Nothing Beats a TenCate Protective Fabric

6501 Mall Blvd. • P.O. Box 289
Union City, GA 30291
Phone: 770.969.1000 • Fax: 770.969.6846
Toll Free: 800.241.8630
www.TenCateProtectiveFabrics.com

Sunlight/UV Exposure Advisory: Prolonged sunlight and UV exposure can be damaging to aramid and PBO fibers. Both natural (undyed) and dyed aramid and PBO fibers will fade or change color with exposure to sunlight or other UV sources. The thermal performance is not affected, but long term or repeated exposures will cause the fabric to gradually weaken. Garments should be stored so that they are protected from sunlight, including windows and bay doors, to maximize wear life. TenCate Protective Fabrics offers no warranties, implied or otherwise, for color change or fabric damage due to UV exposure.

To the best of our knowledge, the information contained herein is accurate. However, TenCate Protective Fabrics assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Users of any substance must satisfy themselves by independent investigation that the material can be used safely. We have described certain hazards, but we cannot guarantee that these are the only hazards.

©2010 TenCate Protective Fabrics. TenCate is a trademark of Royal Ten Cate. Millenia, Gemini, and Peak Performance System and its design are trademarks of TenCate Protective Fabrics. Southern Mills, Inc. d/b/a TenCate Protective Fabrics. Gemini is covered by U.S. Patent No. 7,589,036 and 7,393,800. This fabric is made under license from PBI Performance Products, Inc. (Charlotte, North Carolina, USA). Matrix® and the contrasting grid design embodied in the fabric are the trademarks of PBI Performance Products, Inc. and are used with permission.

Proud Sponsor of:



Finishing and Non-woven are ISO-9001 Certified Facilities.