



THE APEX OF PERFORMANCE

GROUNDBREAKING DURABILITY

Enforce™ Technology harnesses increased levels of fabric strength and abrasion resistance.

UNCOMPROMISED PROTECTION

PBI® Peak5 boasts the highest blend percentage of PBI® on the market, giving unmatched thermal stability.

LIGHTWEIGHT PERFORMANCE

The thermal protection of PBI® paired with the strength of Kevlar® in an ultra-light 5.6-ounce package.

FEELS GREAT OUT OF THE BAG

A softer touch that's more comfortable yet unmatched in durability and range-of-motion.

TECHNICAL DATA*	PBI® PEAK5
Nominal Weight	5.6 osy (190 gsm)
Construction	Woven
Color	Gold, Black
Fiber Content	PBI, Para-Aramid
Finish	FreeFAST™
Certification	NFPA 1971

Flame Resistance			
Vertical Flame NFPA 1971	Initial and 5x after wash	After flame	< 2.0 sec
		Char length	< 0.4 in (< 10.0 mm)
Thermal Shrinkage NFPA 1971	Initial	< 1.0 %	
	5x After Wash	< 2.0 %	
Thermal Protective Performance NFPA 1971		Up to 39	

Physical Testing		
Tensile Strength ASTM D5043 (Warp x Fill)	Initial	370 x 350 lbf (1,646 x 1,557 N)
	10x After Wash	310 x 280 lbf (1,379 x 1,246 N)
Trapezoid Tear ASTM D5587 (Warp x Fill)	Initial	75 x 75 lbf (334 x 334 N)
	5x after wash	50 x 50 lbf (222 x 222 N)
Dimensional Stability AATCC 135	< 5.0%	

Comfort		
Total Heat Loss NFPA 1971	Up to 286	
Water Absorption AATCC 42	Before Wash	< 5.0 %
	5x After Wash	< 8.0 %

* Appearance is dependent on shade of fabric.

AVAILABLE COLORS



Sunlight/UV Exposure Advisory: Prolonged sunlight and UV exposure can be damaging to aramid fibers. Both natural (undyed) and dyed aramid 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.



TenCate Protective Fabrics is certified according:



All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics declines any form of liability related to the use of the attached specimen that shall be regarded as a sample only and therefore not meant to be used in any form of garment making.