

A firefighter wearing a tan PBI PEAK5 jacket with reflective yellow and silver stripes. The jacket has a patch on the sleeve that reads 'GPSTC' and 'FIRE'. The background shows a building with smoke rising from the windows.

THE ULTIMATE IN PERFORMANCE

LIGHTWEIGHT DURABILITY

Strengthened by Enforce® technology, PBI® Peak5® outer shell offers extreme durability in a lightweight package so you can perform at your best.

BETTER RANGE OF MOTION

Featuring a breathable Peak Twill construction, PBI® Peak5® delivers a greater range of motion for increased levels of comfort on the job.

UNMATCHED THERMAL PROTECTION

PBI® Peak5® boasts the highest percentage of PBI® on the market, providing you with leading, premium thermal protection.



TECHNICAL DATA	PBI® PEAK5
Nominal Weight	5.6 osy (190 gsm)
Construction	Woven (Modified Twill)
Fiber Content	Kevlar®, PBI®, Anti-Stat
Finish	FreeFAST™
Certification	NFPA 1971

Thermal Performance

Flame Resistance NFPA 1971	Before and after 5 laundering cycles	Compliant
Thermal Shrinkage NFPA 1971	Before and after 5 laundering cycles	≤ 2%
Thermal Protective Performance (TPP) ISO 17492		Up to 39

Physical Performance

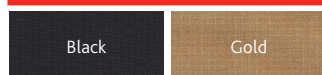
Tensile Strength ASTM D5043 (Warp x Fill)	Before laundering	370 x 350 lbf (1,646 x 1,557 N)
	After 10 laundering cycles	300 x 260 lbf (1,334 x 1,157 N)
Trapezoid Tear ASTM D5587 (Warp x Fill)	Before laundering	75 x 75 lbf (334 x 334 N)
	After 5 laundering cycles	50 x 50 lbf (222 x 222 N)
Shrinkage AATCC 135	After 5 laundering cycles	≤ 5%
Water Absorption AATCC 42	Before and after 5 laundering cycles	≤ 8%

Comfort

Total Heat Loss (THL) ASTM F1868	Up to 286
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Laundering cycles conducted in accordance to NFPA 1971: 2018 clause 8.1.2, AATCC 135 1,V,Ai

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.



STANDARD 100
1904050
Centexbel

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.