



THE APEX OF PERFORMANCE

EXCEPTIONAL THERMAL PROTECTION

PBI® Peak5® boasts a high percentage of PBI® fibers, providing extreme levels of thermal stability. Offering compliance with global standards, this innovative outer shell is certified to NFPA 1971, EN 469, and ASNZ 4967.

SUPERIOR DURABILITY

This groundbreaking outer shell is made with Enforce™ technology, a patented construction innovation that delivers industry-leading levels of strength.

BETTER RANGE OF MOTION

Featuring a 180 gsm (5.3 osy) Peak Twill construction, PBI® Peak5® offers firefighters less bulkiness for maximum flexibility, more range of motion, and increased levels of comfort on the job.

TECHNICAL DATA*	PBI® PEAK5
Weight	180 gsm (5.3 osy)
Composition	Kevlar®, PBI®, Antistat
Construction	Twill
Available finishes	DWR F-EN or FreeFAS™



Thermal Performance

Flame Spread EN ISO 15025:2016	After 5 Laundering Cycles	Compliant
Residual Tensile Strength EN ISO 13934-1:2013	After 5 Laundering Cycles & Exposure to Radiant Heat	2260 x 1900 N
Heat Resistance ISO 17493:2016 (180 °C)	After 5 Laundering Cycles	≤ 2%

Physical Performance

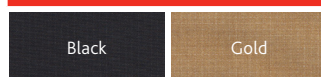
Tensile Strength EN ISO 13934-1:2013	After 5 Laundering Cycles	2900 x 2860 N
Tear Strength EN ISO 13937-2:2000	After 5 Laundering Cycles	236 x 191 N
Abrasion Resistance AS 2001.2.25.2	After 5 Laundering Cycles	≥ 35,000 cycles
Surface Wetting ISO 4920:2012	After 5 Laundering Cycles	5
Resistance to Penetration of Chemicals EN ISO 6530:2005	After 5 Laundering Cycles	Compliant
Dimensional Change (Shrinkage) EN ISO 5077:2007	After 5 Laundering Cycles	≤ 1%
Innocuousness ISO 13688:2013	Before	Compliant

CERTIFICATION*

	Fire Fighting	EN 469: 2020, ASNZ 4967: 2019, NFPA 1971: 2018
	Antistatic Properties	EN 1149-5: 2018

*Laundering conducted in accordance to standard EN ISO 6330:2005, 4N, 40 °C, Drying procedure F (type A1 tumble drying), exhaust temperature normal (min 40 C, max 80 C). Radiant Heat conducted in accordance to EN ISO 6942: 2002, Method A

COLOURS



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 Protect B.V. is certified according:

Member of the E.T.S.A.



All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics Europe 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.