pbi PEAK5®

ENFORCE™ TECHNOLOGY

THE ULTIMATE IN PERFORMANCE

PBI® PEAK5®
PE9500 - 180 g/m²

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.

TenCate protectivefabrics | *made for life*

TECHNICAL DATA*	PBI® PEAK5®	
Quality	PE 9500	
Weight	180 g/m² (5.6 oz/yd²)	
Composition	Kevlar®, PBI®, Antistatic	
Construction	Twill	
Available finishes	Hydro-Tec™ or FreeFAS™	
Thermal Performance		
Flame Spread EN ISO 15025	Before & After 5 Laundering Cycles	Compliant
Residual Tensile Strength EN ISO 13934-1	After Exposure to Radiant Heat	1700 x 2300 N
Heat Resistance ISO 17493 (180°C)	Before laundering	≤ 2%
Physical Performance		
Resistance to Penetration of Chemicals EN ISO 6530	Before & After 5 Laundering Cycles	Compliant
Tensile Strength EN ISO 13934-1	After 5 Laundering Cycles	2150 X 1950 N
Tear Strength EN ISO 13937-2	After 5 Laundering Cycles	350 x 350 N
Dimensional Change (Shrinkage) EN ISO 5077	After 5 Laundering Cycles	≤ 3%
CERTIFICATION*		
	Fire Fighting	EN 469, ASNZ 4967, NFPA 1971
	Antistatic Properties	EN 1149-5

*Laundering conducted in accordance to standard EN ISO 6330:2005, 6N, 60 °C, Drying procedure F (type A1 tumble drying), Drying temperature 70 °C. Radiant Heat conducted in accordance to EN ISO 6942: 2002, Method A

COLOURS

Black

Gold

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.

Member of the E.T.S.A.

TenCate Protect B.V. is certified according:

ISO 9001
ISO 14001
BUREAU VERITAS Certification

OEKO TEX® STANDARD 100 PPE 1308029 Centexbel
www.oeko-tex.com

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.

Q1-2025