

A close-up photograph of a firefighter's torso wearing a tan protective jacket with two horizontal reflective yellow and silver stripes. A black air hose nozzle is attached to the left side of the jacket. The background shows a brick building with smoke rising from a window.

A LEGACY OF PROTECTION

PROVEN PROTECTION OF PBI® AND KEVLAR®

DuPont® and PBI® are trusted names that every firefighter knows and trusts.

A PERFECT BLEND

By using Kevlar® filament yarns that are then reinforced with an additional wrapping of blended PBI® yarn, this outer shell fabric provides outstanding protection.

TRADITIONAL RIP STOP APPEARANCE THAT REDUCES ABRASION

An innovative high-strength filament grid structure stands up against harsh conditions in the field.



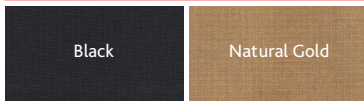
TECHNICAL DATA*	PBI® XT
Weight	7.5 osy (254 gsm)
Construction	Woven (Modified Plain with Rip Stop Reinforcement)
Fiber Content	PBI®, para-Aramid
Finish	FreeFAST™
Certification	NFPA 1970: 1971

Thermal Performance		
Thermal Protective Performance (TPP) ISO 17492	UL Certified	Up To 46
Thermal Shrinkage NFPA 1970	Before laundering	< 2.0 %
	After 5 laundering cycles	< 3.0 %
Flame Resistance ASTM D6413	Before laundering and after 5 laundering cycles	Compliant

Physical Performance		
Trapezoid Tear ASTM D5587 (Warp x Fill)	Before laundering	55 x 50 lbf (245 x 222 N)
	After 5 laundering cycles	50 x 45 lbf (222 x 200 N)
Tensile Strength ASTM D5034 (Warp x Fill)	Before laundering	310 x 275 lbf (1,379 x 1,225 N)
	After 10 laundering cycles	300 x 245 lbf (1,334 x 1,090 N)
Water Absorption AATCC 42	Before laundering	<6%
	After 5 laundering cycles	< 10%
Shrinkage AATCC 135	After 5 laundering cycles	5%

Comfort		
Total Heat Loss (THL) ASTM F1868	UL Certified	Up To 286

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.