

A close-up photograph of a firefighter's tan-colored jacket. The jacket features two horizontal reflective yellow and silver stripes across the chest. A black fire hose nozzle is attached to the left side of the jacket. The background shows a brick wall and 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
Nominal Weight	7.5 osy (254 gsm)
Construction	Woven (Modified Plain)
Fiber Content	PBI®, Para-Aramid
Finish	FreeFAST™
Certification	NFPA 1971

Composite Testing		
TPP NFPA 1971	UL Certified	Up To 46
THL NFPA 1971	UL Certified	Up To 286

Strength/Durability		
Trap Tear ASTM 5587, NFPA 1971 (Warp x Fill)	Initial	55 x 50 lbf (245 x 222 N)
	5x after wash	50 x 45 lbf (222 x 200 N)
Tensile Strength ASTM D5034 (Warp x Fill)	Initial	310 x 310 lbf (1,379 x 1,379 N)
	10x after wash	300 x 300 lbf (1,334 x 1,334 N)

Thermal Testing		
Thermal Shrinkage NFPA 1971	Initial	< 2.0 percent
	5x after wash	< 3.0 percent
Flammability - After Flame ASTM D6413	Initial	< 2.0 sec
	5x after wash	< 2.0 sec
Flammability - Char Length ASTM D6413	Initial	< 0.6 in (< 15.0 mm)
	5x after wash	< 1.0 in (< 25.0 mm)

* All values subject to final certification and specification

** Tested on specific colors

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.