

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 tool, possibly a flashlight or a small pump, is attached to the left side of the chest. The background shows a blurred brick wall and a window.

## TRADITIONAL APPEARANCE EXCEPTIONAL PROTECTION

### **PROVEN PROTECTION OF PBI® AND KEVLAR®**

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

### **NAMES FIREFIGHTERS KNOW AND TRUST**

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**

A traditional appearance that will appeal to Fire Service tradition and stand up better against abrasive surfaces.



TECHNICAL DATA*		TENCATE PBI® XT
Nominal Weight		7.5 osy (255 gsm)
Construction		Woven (Modified Plain)
Made in America		Yes
Finish		Super Shelltite™
Certification		NFPA 1971
<b>Composite Testing</b>		
TPP NFPA 1971	UL Certified	Up To 46
THL NFPA 1971	UL Certified	Up To 286
<b>Strength/Durability</b>		
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)
<b>Thermal Testing</b>		
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		
Black	Natural Gold	<b>Sunlight/UV Exposure Advisory:</b> 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.

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.