

# TECASAFE® PLUS

TechT4™



## COMFORTABLE BASELAYER PROTECTION

### BASE LAYER FR PROTECTION

TechT4™ feels just like a t-shirt while offering lightweight, comfortable FR protection where you need it most – next to skin.

### COOL, DRY, AND COMFORTABLE

Integrated wicking Coolderm™ offers enhanced moisture management to promote body temperature regulation and breathability.

### MULTI-LAYERED APPROACH

The base component of the multi-layer FR system, Tech T4™ offers comfort with no-melt/no-drip next-to-skin protection.

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TECHNICAL DATA*	TECASAFE® PLUS TECHT4
Nominal Weight	5.0 osy (170 gsm)
Construction	Knit
Color	Navy, Midnight Navy, Sand, Black, Gray
Fiber Content	Lyocell, Modacrylic, Nylon
Certification(s)	ASTM 1506

### Thermal Testing (Flame Resistance)

Energy Breakopen Threshold NFPA 70E, ASTM 1959	EBT Rating	4.8 cal/cm <sup>2</sup>	
	PPE Category	Category 1	
Vertical Flame ASTM 6413, NFPA 2112	Initial	After flame	< 2.0 sec
		Chat length	< 6.0 in (150 mm)

### Physical Testing

Burst Strength – Ball Method ASTM D3787	70 lbf (310 N)	
Burst Strength – Mullen Method ASTM D3786	65 psi (460 kPa)	
Dimensional Stability AATCC 135 1, V, Aiii	< 10 %	
Fabric Stretch and Recovery ASTM D2594	Fabric Stretch	> 10 x 10 %
	Fabric Recovery	> 60 x 60 %

### Comfort

Air Permeability ASTM D737	> 300 cfm
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### Appearance (Score 5 Best to 1 Worst)

Color Fastness	Laundering AATCC 61 2A, AATCC 61 3A	Shade Change	Up to 3-4 *
	Xenon Light Exposure AATCC 16	After 20 hours	Up to 3 *
	Pilling Resistance ASTM D3512	Initial: 60 min	Up to 3 *

\* All values subject to final certification and specification. Tested on specific colors. Appearance is dependent on shade of fabric.

### AVAILABLE COLORS

Navy	Midnight Navy	Black	Sand	Gray
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### OPTIONAL COLORS

TenCate Protective Fabrics, the world's textile dyeing expert, can produce almost every color with a minimum quantity of 3000 yards. Smaller quantities can be ordered, subject to a surcharge. For more information, please contact TenCate Protective Fabrics.



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.