

**TECASAFE® PLUS**  
TechT5™



**LIGHTWEIGHT  
BASE LAYER  
WITH TRUECOLOR™  
TECHNOLOGY**

**TECASAFE® PLUS Tech T5™**  
**183 gsm (5.4 osy)**

**NFPA 2112 CERTIFIED**

Inherent flame-resistant protection from a name you know and trust. With over a decade of use in the field, Tecasafe® Plus is proven protection.

**EASE-OF-WEAR**

This remarkably innovative fabric brings ease-of-wear and flame-resistance in an incredibly lightweight and comfortable base layer textile. This makes the perfect addition to multi-layer, flame-resistant clothing systems.

**TRUECOLOR™ TECHNOLOGY**

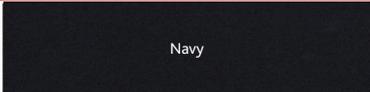
Outstanding after-wash appearance by retaining its original color without fading. The shade you wore the first time will be the shade you wear every time.

# TECASAFE® PLUS

## TechT5™

TECHNICAL DATA		TENCATE TECASAFE® PLUS Tech T5™
Nominal Weight		183 gsm (5.4 osy)
Construction		Jersey
Colors		Navy, Heather Gray
Fiber Content		Aramid, Lyocell, Modacrylic
Certification		ASTM 1506, NFPA 1975, NFPA 2112
<b>Flame Resistance</b>		
Manikin Burn Predicted Body Burn	NFPA 2112	Pass
Energy Breakopen Threshold PPE Category	NFPA 70E, ASTM 1959	Pass
Vertical Flame Initial: After flame Initial: Char Length After 100x Wash: After flame After 100x Wash: Char length	ASTM 6413, NFPA 2112	< 2.0 sec < 4.0 in (100 mm) < 2.0 sec < 4.0 in (100 mm)
Thermal Shrinkage Initial 3x After Wash	NFPA 2112	< 10% < 10%
<b>Physical Testing</b>		
Burst Strength – Ball Method	ASTM D3787	355 N (80 lbf)
Burst Strength – Mullen Method	ASTM D3786	525 kPa (76 psi)
Dimensional Stability	AATCC 135	< 4.5%
<b>Appearance</b>		
Color Fastness Laundering Shade Change (Score 5: Best to 1: Worst)	AATCC 61 2A	Up to 4-5*
Xenon Light Exposure After 20 AFU (Score 5: Best to 1: Worst)	AATCC 16	Up to 4*

\* Actual performance will vary based on color.

STANDARD COLOURS		OPTIONAL COLOURS
 Heather Gray	 Navy	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.

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