


TECASAFE® PLUS
TechT4™



INHERENT FR PROTECTION IN A LIGHTWEIGHT BASE LAYER

TECASAFE® PLUS Tech T4™
170 gsm (5.0 osy)

SELF-EXTINGUISHING

TECASAFE® PLUS Tech T4™ will not ignite, melt or drip as it enhances the protection of flame-resistant outer layers.

COOLER AND DRIER IN ALL SITUATIONS

Featuring Coolderm™ Technology, which provides an excellent moisture management control that always keeps the wearer cooler and drier without any harsh chemical treatments.

COMFORTABLE WITH PROTECTION

TECASAFE® PLUS Tech T4™ is like an athletic t-shirt with the added bonus of inherent FR protection. It provides wearers the extraordinary softness, comfort, and protection they need beneath their uniforms.

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TECHNICAL DATA		TENCATE TECASAFE® PLUS Tech T4™
Nominal Weight		170 gsm (5.0 osy)
Construction		Jersey
Colors		Navy, Midnight Navy, Sand, Black, Gray
Fiber Content		Lyocell, Modacrylic, Nylon
Certification		ASTM 1506
Flame Resistance		
Energy Breakopen Threshold EBT Rating PPE Category	NFPA 70E, ASTM 1959	4.8 cal/cm ² Category 1
Vertical Flame Initial: After flame Initial: Char Length	ASTM 6413	< 2.0 sec < 6.0 in (150 mm)
Physical Testing		
Burst Strength – Ball Method	ASTM D3787	310 N (70 lbf)
Burst Strength – Mullen Method	ASTM D3786	460 kPa (65 psi)
Dimensional Stability	AATCC 135	< 10%
Fabric Stretch and Recovery Fabric Stretch Fabric Recovery	ASTM 6413	24% x 43% 92.5% x 87%
Comfort		
Air Permeability	ASTM D737	165 cc/sec
Appearance		
Color Fastness Laundering Shade Change (Score 5: Best to 1: Worst)	AATCC 61 2A	Up to 4*
Xenon Light Exposure After 20 hours (Score 5: Best to 1: Worst)	AATCC 16	Up to 3-4*
Pilling Resistance Initial: 60 minutes (Score 5: Best to 1: Worst)	ASTM D3512	Up to 4-5*

* Actual performance will vary based on color.

STANDARD COLOURS					OPTIONAL COLOURS
Gray	Sand	Navy	Midnight Navy	Black	<p>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.</p>

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