

TECASAFE® PLUS

Stationwear



TECASAFE® PLUS KNIT

6.7 osy (227 gsm)

INHERENTLY FLAME RESISTANT

FR properties are built in and won't wash or wear out. Exceeds NFPA 70E PPE2 performance standards. Certified to NFPA 2112 and NFPA 1975.

COMFORTABLE TO WEAR

Soft and breathable. Superior moisture management that always keeps the wearer cool and dry. As easy to wear as everyday attire.

OUTSTANDING AFTER-WAHS APPEARANCE

First FR knit on the market engineered for industrial laundering. Retains strength, shape and color after repeated launderings.

TECASA[®]SAFE PLUS

Stationwear

PROPERTIES	
Nominal Weight	6.7 osy (227 gsm)
Woven Type	Swiss Pique
Fiber Content	Modacrylic, Lyocell and Aramid
Features	COOLDERM™ Technology and TRUCOLOR Technology
Colors Available	Navy
Compliance	NFPA 2112, NFPA 70E and ASTM F1506
PROTECTION	
NFPA 70E PPE Rating	Category 2
Electric Arc Rating ASTM F1959	8.2 cal/cm ²
Predicted Body Burn ASTM 1930	
3 Seconds	12%
4 seconds	33%
Thermal Protective Performance ASTM F2700	
With Spacer	11.0 cal/cm ²
Without Spacer	7.0 cal/cm ²
Flame Resistance ASTM 6413, NFPA 2112	
Before Laundering	< 10.0 cm
After Flame	< 2 Sec
Flame Spread ISO 15025:2000	
Face Ignition PROCEDURE A	No hole formation, No molten or flaming. No afterglow. No molten or flaming debris. No after flame. Afterglow did not spread.
Edge Ignition PROCEDURE B, Folded Edge	
Heat Resistance	
ISO 17493:2000 at 260°C, 5 minutes	< 10.0 %
FABRIC STRENGTH	
Ball Burst ASTM 3787	400 N
COMFORT & APPEARANCE**	
Dimensional Change ISO 5077:1984	< 5.0 %
Pilling Resistance	
ASTM 3512, Ratings: 5 Best, 3 Acceptable, 1 Poor	5
Air Permeability ASTM 3787	135 cm ³ /cm ² /min
SunSHIELD™ UV Protection	50+ UPF

* All values subject to final certification and specification.

** Tested on specific colors.

STANDARD COLORS

Navy

OPTIONAL COLORS

TenCate Protective Fabric, 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.