

| **TECASA**SAFE® PLUS



**MAKE ANY
CONDITION YOUR
COMFORT ZONE**

Tecasafe® Plus 700

COOL, DRY, AND COMFORTABLE

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

COLOR AND CONFIDENCE

Tecasafe® Plus stands up to repeated laundering and resists fading in both light shades and Truecolor™ technology-powered dark shades.

ECO-FRIENDLY

Features sustainably-sourced, eco-friendly Tencel® Lyocell, with EPD® for measurable impact.

TECASAFE® PLUS

TECHNICAL DATA*	TECASAFE® PLUS 700 TRUECOLOR™
Nominal Weight	7.4 osy (250 gsm)
Construction	Woven
Color	Navy, Spruce, Black
Fiber Content	Modacrylic, Lyocell, Aramid
Certification(s)	NFPA 2112, NFPA 1975, NFPA 1977, ASTM 1506

Thermal Testing (Flame Resistance)			
Manikin Burn NFPA 2112	Predicted Body Burn	Pass	
Arc Thermal Performance Value NFPA 70E, ASTM 1959	ATPV Rating	11.0 cal/cm ² — PPE Category 2	
Vertical Flame ASTM 6413, NFPA 2112	Initial and 100x after wash	After flame	< 2.0 sec
		Chat length	< 4.0 in (100mm)
Thermal Shrinkage NFPA 2112	Initial and 3x After Wash	< 10%	

Physical Testing	
Tensile Strength ASTM D5034, warp x fill	140 x 85 lbf (623 x 378 N)
Elmendorf Tear ASTM D1424, warp x fill	10.0 x 8.0 lbf (44 x 36 N)
Dimensional Stability AATCC 135	< 4.0 %
Seam Strength ASTM D434, Force at 0.25 in slippage	40 lbf (179 N)

Comfort	
Air Permeability ASTM D737	53 ft ³ /ft ² /min

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 5 *
	Pilling Resistance ASTM D3512	Initial: 60 min	Up to 4 *

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

AVAILABLE COLORS	OPTIONAL COLORS
<div>Navy</div> <div>Spruce</div> <div>Black</div>	<p>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.</p>



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.