

TECASAFE® PLUS

Stationwear



**THE SAME GREAT
COLOR EVERY TIME
YOU PUT IT ON**

TECASAFE® PLUS 850
8.5 osy (290 gsm)

BEST COLORFASTNESS AVAILABLE IN THE MARKET

Stands up to repeated laundering without fading or heathering. The color you put on the first time is the color you put on every time.

ALL THE ADVANTAGES OF COOLDERM™ TECHNOLOGY

Active moisture wicking ensures quicker drying time to keep sweat away from the skin. Stay cooler and drier on the job.

INHERENT FR PROTECTION FORM A NAME YOU KNOW AND TRUST

Tecasafe® Plus has been time-tested in the market for over a decade. It stands up to tough conditions and delivers outstanding FR protection in an inherent blend.

TECASA[®]SAFE[®] PLUS

Stationwear

TECHNICAL DATA*			TECASA® PLUS 850	
Nominal Weight			8.5 osy (290 gsm)	
Construction			Woven (Twill)	
Colors			Navy	
Made in America			Yes	
Fiber Content			Modacrylic, Lyocell, Aramid	
Certification(s)			NFPA 2112, NFPA 1975, ASTM 1506	
Thermal Testing (Flame Resistance)				
Manikin Burn NFPA 2112		Predicted Body Burn		Pass
Arc Thermal Performance Value NFPA 70E, ASTM 1959		ATPV Rating		12.0 cal/cm² — PPE Category 2
Vertical Flame ASTM 6413, NFPA 2112		Initial and 100x after wash	After flame	< 2.0 sec
			Char length	< 4.0 in (100mm)
Thermal Shrinkage NFPA 2112		Initial and 3x after wash		< 10 %
Physical Testing				
Tensile Strength ASTM D5034, warp x fill			145 x 90 lbf (645 x 400 N)	
Elmendorf Tear ASTM D1424, warp x fill			10.0 x 8.0 lbf (45 x 35 N)	
Dimensional Stability AATCC 135			< 4.0 %	
Seam Strength ASTM D434, Force at 0.25 in slippage			223 N	
Comfort				
Air Permeability ASTM D737			39 ft³/ft²/min	
Appearance Score 5 (Best) to 1 (Worst)				
Color Fastness Laundering (AATCC 61 2A)		Shade Change		Up to 4 - 5 *
Xenon Light Exposure AATCC 16		After 20 hours		Up to 4 - 5 *
Pilling Resistance ASTM D3512		Initial: 60 min		Up to 5 *

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

AVAILABLE COLORS	OPTIONAL COLORS
[Navy]	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.

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.