TECASAFE®PLUS

MAKE ANY CONDITION YOUR COMFORT ZONE

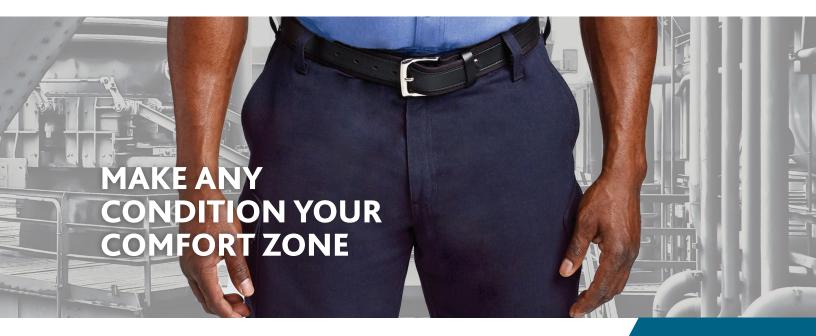## Tecasafe®Plus 850

COOL, DRY, AND COMFORTABLE

Integrated wicking Coolderm™ technology 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.

TENCATE protectivefabrics | *made for life*

TECASAFE®PLUS

TECHNICAL DATA*	TECASAFE®PLUS 850 TRUECOLOR
Nominal Weight	8.5 osy (288 gsm)
Construction	Woven
Color	Navy, Charcoal
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 Protective Rating (ATPV) NFPA 70E, ASTM 1959	ATPV Rating		12 cal/cm²
	PPE Category		Category 2
Vertical Flame ASTM 6413, NFPA 2112	Initial and 100x after wash	After flame	< 2.0 sec
		Char length	< 4.0 in (100 mm)
Thermal Shrinkage NFPA 2112	Initial and 3x after wash		< 10 %

Physical Testing

Tensile Strength ASTM D5043	Initial (warp x fill)	145 x 90 lbf (645 x 400 N)
Elmendorf Tear ASTM D1424	Initial (warp x fill)	10 x 8 lbf (45 x 35 N)
Dimensional Stability AATCC 135		< 4.0 %
Seam Strength ASTM D434, Force at 0.25 in slippage		50 lbf (223 N)

Comfort

Air Permeability ASTM D737	39 ft²/min/ft³

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.
TENCEL™ Is a Trademark of Lenzing AG

AVAILABLE COLORS	OPTIONAL COLORS
Navy Charcoal	Additional color options may be available. Please contact TenCate Protective Fabrics for more information. Color shades and textures may vary. Please contact your sales representative for swatch samples.

MADE IN USA WITH GLOBAL COMPONENTS

OEKO TEX® STANDARD 100 1604026 Centexbel

TenCate Protective Fabrics is certified according: ISO 9001 BUREAU VERITAS Certification

Corporate Social Responsibility

Q4-2024