

| **TECASAFE®PLUS**



**A NAME THAT
MEANS
PROTECTION WITH
GREAT COMFORT**

Tecasafe®Plus Swiss Pique

PROFESSIONAL LOOK

A Swiss Pique knit construction delivers increased ease-of-motion while serving as a clean alternative to woven button up shirts.

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.

TECASAFE® PLUS

TECHNICAL DATA*	TECASAFE® PLUS SP TRUECOLOR™	TECASAFE® PLUS SP
Nominal Weight	6.7 osy (227 gsm)	6.7 osy (227 gsm)
Construction	Knit	Knit
Color	Navy, Heather Gray, Gray, Black	Orange, Hi-Vis Yellow, Khaki, Light Blue, Tan
Fiber Content	Aramid, Lyocell, Modacrylic	Aramid, Lyocell, Modacrylic
Certification(s)	ASTM 1506, NFPA 1975, NFPA 2112	ASTM 1506, NFPA 1975, NFPA 2112

Thermal Testing (Flame Resistance)

Manikin Burn NFPA 2112	Predicted Body Burn	Pass	Pass
Energy Breakopen Threshold NFPA 70E, ASTM 1959	EBT Rating	8.2 cal/cm ² — PPE Category 2	8.3 cal/cm ² — PPE 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%	<10%

Physical Testing

Burst Strength – Ball Method ASTM D3787	105 lbf (460 N)	99 lbf (440 N)
Burst Strength – Mullen Method ASTM D3786	100 psi (675 kPa)	100 psi (690 kPa)
Dimensional Stability AATCC 135 1, V, Ai	< 8 %	< 8 %
Fabric Stretch and Recovery warp x fill	Fabric Stretch	> 12 x 25 %
	Fabric Recovery	90 % x 94 %

Comfort

Air Permeability ASTM D737	170 ft ³ /ft ² /min	280 ft ³ /ft ² /min
-------------------------------	---	---

Appearance (Score 5 Best to 1 Worst)

Color Fastness	Laundering AATCC 61 2A, 4x	Shade Change	Up to 3-4 *	Up to 3-4 *
	Xenon Light Exposure AATCC 16	After 40 AFU	Up to 3-4 *	Up to 3-4 *

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

AVAILABLE COLORS

Navy	Heather Gray	Gray	Black	Orange
Hi-Vis Yellow	Khaki	Light Blue	Tan	

OPTIONAL COLORS

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.



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.