



NEW VERSION, SOFTER FEEL

COOLER AND DRIER IN ALL SITUATIONS

Tecasafe® Plus provides an excellent moisture management control that keeps the wearer cool and dry at all times.

OUTSTANDING AFTERWASH APPEARANCE

Featuring Truecolor® technology, which provides outstanding afterwash appearance by retaining its original color without fading.

SUPERIOR INHERENT FR PROTECTION

Inherently heat- and flame resistant fabric that offers excellent protection against multiple high-risk situations, such as flash fire and electric arc.

TECASAFE® PLUS

Multilite™

TECHNICAL DATA*	TECASAFE® PLUS Multilite™	TECASAFE® PLUS Multilite™ TRUECOLOR®
Nominal Weight	5.5 osy (186 gsm)	5.5 osy (186 gsm)
Construction	Woven	Woven
Color	Gray, Light Blue, Khaki, Orange, Red, Yellow	Navy, Spruce Green
Fiber Content	Aramid, Lyocell, Modacrylic	Aramid, Lyocell, Modacrylic
Certification(s)	ASTM F1506, NFPA 2112, NFPA 70E	ASTM F1506, NFPA 2112, NFPA 70E

Thermal Testing (Flame Resistance)			
Manikin Burn NFPA 2112	Predicted Body Burn	Pass	Pass
Arc Thermal Performance Value or ATPV NFPA 70E, ASTM 1959	ATPV Rating	9.1 cal/cm ²	8.5 cal/cm ²
	PPE Category	Category 2	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			
Tensile Strength ASTM D5034, warp x fill	Initial	115 x 90 lbf (510 x 400 N)	120 x 85 lbf (535 x 379 N)
Elmendorf Tear ASTM D1424, warp x fill		6.5 lbf (30 N)	10 lbf (45 N)
Dimensional Stability AATCC 135		< 3 %	< 3 %
Seam Strength ASTM D434, Force at 0.25 in slippage		35 lbf (155 N)	35 lbf (155 N)

Appearance* (Score 5 Best to 1 Worst)				
Color Fastness	Laundrying AATCC 61 2A	Shade Change	Up to 4-5*	Up to 4-5*
	Xenon Light Exposure AATCC 16	After 20 hours	Up to 4*	Up to 5*
	Color Fastness to Crocking AATCC 8	Wet	Up to 5*	Up to 5*
		Dry	Up to 4-5*	Up to 4-5*
Pilling Resistance ASTM D3512	Initial: 60 min	Up to 5*	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
Light Grey	Royal	Khaki	Orange	HV Yellow	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.
Red	Yellow	Navy	Spruce Green		

All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics Europe 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. To learn more, visit apac.tencatefabrics.com or email apacsales@tencatefabrics.com.