

# TECASAFE® PLUS

Ripstop



## BETTER TEAR RESISTANCE

### TECASAFE® PLUS RIPSTOP 7.0 osy (238 gsm)

#### EXCEPTIONAL STRENGTH

Tecasafe® Plus in a ripstop configuration provides 67-85% more impact tear resistance than Tecasafe Plus Twill. There is a much higher resistance to impact tearing resulting in a more durable shirt and trouser.

#### DRIER & MORE COMFORTABLE

Featuring Coolderm™ Technology, which provides an excellent moisture management control that always keeps the wearer cooler and drier without any harsh chemical treatments.

#### TRUECOLOR™ TECHNOLOGY

Outstanding after-wash appearance by retaining its original color without fading. It is the ideal solution for garments that must be laundered frequently.

# TECASAFE® PLUS

## Ripstop

TECHNICAL DATA		TENCATE TECASAFE® PLUS RIPSTOP
Nominal Weight (+/- 5%)		7.0 osy (238 gsm)
Construction		Ripstop Twill
Colors		Navy, AS Gold, Khaki, Orange, Yellow, Spruce Green
Fiber Content		Modacrylic / Lyocell / Aramid
Certification/Compliance		NFPA 2112, NFPA 1977, AS/NZS 4824: 2006, AS/NZS 1906.4
<b>Characteristic</b>		
<b>Flame Resistance (warp x fill)</b>	ASTM D6413	
<b>Before Wash</b>		
After flame		0.0 x 0.0 sec
After glow		5.7 x 5.7 sec
Char length		64 x 58 mm
<b>100x Wash</b>		
After flame		0.0 x 0.0 sec
After glow		5.3 x 3.8 sec
Char length		67 x 67 mm
<b>Thermal Shrinkage (warp x fill)</b>	NFPA 1977	
<b>Before Wash</b>		
5x Wash		-5.0 x -4.6%
		-4.9 x -4.1%
<b>Laundry Shrinkage (warp x fill)</b>	AATCC 135	-3.5 x -1.5%
<b>Elmendorf Tear (warp x fill) Before Wash</b>	ASTM D 1424	85.5 x 75.5 N
<b>Heat Resistance</b>	NFPA 1977	
<b>Before Wash</b>		
5x Wash		Pass
		Pass
<b>Radiant Protective Performance (RPP)</b>	ASTM F1939	
<b>Before Wash</b>		
5x Wash		7.0 min
		7.0 min

\* All values subject to final certification and specification.

\*\* Tested on specific colors.

AVAILABLE COLORS			
Orange	Khaki	AS Gold	<b>Sunlight/UV Exposure Advisory:</b> Prolonged sunlight and UV exposure can be damaging to aramid fibers. Both natural (undyed) and dyed aramid fibers will fade or change color with exposure to sunlight or other UV sources. The thermal performance is not affected, but long term or repeated exposures will cause the fabric to gradually weaken. Garments should be stored so that they are protected from sunlight, including windows and bay doors, to maximize wear life. TenCate Protective Fabrics offers no warranties, implied or otherwise, for color change or fabric damage due to UV exposure.
Spruce Green	Navy	Yellow	

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.