

# DEFENDER<sup>®</sup>M

## 6.2 Stretch Twill



**DESIGNED  
TO ADAPT**

### **INCORPORATES STRETCH TECHNOLOGY FOR BETTER MOBILITY**

Sometimes, the action comes fast and reaction time is paramount. Easier movement means better safety.

### **ENHANCED COMFORT AND EASE OF WEAR**

The comfort of an athletic style garment in a military uniform means more confidence in the field.

### **ALL THE ADVANTAGES OF COOLDERM<sup>™</sup> TECHNOLOGY**

Moisture management that keeps the body temperature regulated in hot or cool climates.

# DEFENDER<sup>®</sup>M

## Stretch Twill

TECHNICAL DATA <sup>*</sup>	DEFENDER <sup>®</sup> M 6.2 STRETCH TWILL
Nominal Weight	6.2 osy (210 gsm)
Construction	Woven
Color	Solids and Camouflage
Finish	Lenzing <sup>™</sup> FR Rayon, Aramid, Nylon

### Flame Resistance

Manikin Burn ASTM F 1930	Predicted Body Burn		Pass
Vertical Flame ASTM 6413	Initial and 25x after wash	After flame	< 2.0 sec
		After Glow	< 15.0 sec
		Chat length	< 4.5 in (114 mm)

### Physical Testing

Busting Strength ASTM D3787	Initial	125 lbf (556 N)
Dimensional Stability AATCC 135I	After 5 Cycles	< 6%

### Comfort

Air Permeability ASTM D737	25 ft <sup>3</sup> /ft <sup>2</sup> /min minimum
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### Appearance (Score 5 Best to 1 Worst)

Color Fastness	Laundering	Shade Change	minimum 3*
	Xenon Light Exposure AATCC 16	After 40 hours	minimum 3-4*
	Perspiration AATCC 15	Acid	minimum 3-4*
		Alkaline	minimum 3-4*
	Crocking AATCC 8	Dry	minimum 3.5*
		Wet	minimum 2*

\* Appearance is dependent on shade of fabric.

**Sunlight/UV Exposure Advisory:** 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.



TenCate Protective Fabrics  
is certified according:



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.