

DEFENDER[®]M

7.2 Stretch Jersey



TRIED AND TRUE PERFORMANCE

PROVEN PROTECTION

The original Defender[®]M was worn by every U.S. ground troop in Afghanistan and Iraq. Defender[®]M knits can include a la carte protection options like MicrobeSHIELD[™] and StaticSHIELD[™].

LIGHTWEIGHT COMFORT

This lightweight knit fabrics provide greater breathability and comfort on the job.

EXCEPTIONAL DURABILITY

The knit fabric retains its strength, color, size, and appearance after heavy use and repeated washings.

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TECHNICAL DATA*	DEFENDER [®] M 7.2 KNIT
Nominal Weight	7.2 osy (244 gsm)
Construction	Stretch Knit
Color	OCP Print
Finish	Lenzing™ FR Rayon, Aramid, Nylon

Flame Resistance			
Vertical Flame ASTM 6413	Initial and 25x after wash	After flame	< 2.0 sec
		After Glow	< 15.0 sec
		Char length	< 5 in (127 mm)

Physical Testing		
Bursting Strength ASTM D3787	Initial	> 75 lbf (155N)
Dimensional Stability AATCC 135	After 5 Cycles	< 7.0%
Stretch and Recovery ASTM D2594	Stretch	> 8%
	Recovery	> 85.0%

Comfort	
Air Permeability ASTM D737	70 ft ³ /ft ² /min minimum
Wicking	3 inches/hour minimum

Appearance (Score 5 Best to 1 Worst)			
Color Fastness	Laundering	Shade Change	minimum 2*
	Xenon Light Exposure AATCC 16	After 40 hours	minimum 3*
	Perspiration AATCC 15	Acid	minimum 3-4*
		Alkaline	minimum 3-4*
	Crocking AATCC 8	Dry	minimum 3*
		Wet	minimum 2*
	Pilling ASTM D3512	Initial	minimum 3*
		After 5 cycles	minimum 3*

* 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.