

# DEFENDER<sup>®</sup>M

Jersey



DESIGN TO ADAPT

**Defender<sup>®</sup> M Jersey**  
**6.5 osy (186 gsm)**

## PROVEN PROTECTION

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

## LIGHTWEIGHT COMFORT

Lightweight knit fabrics provide greater breathability and comfort.

## EXCEPTIONAL DURABILITY

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

# DEFENDER<sup>®</sup>M

## Jersey

TECHNICAL DATA		Defender <sup>®</sup> M jersey 6.5
Nominal Weight		6.5 osy (186 gsm)
Construction		Jersey Knit
Colors		Solids
Fiber Content		Lenzing <sup>™</sup> FR Rayon, Para-Aramid, Nylon, Spandex
<b>Flame Resistance</b>		
Vertical Flame Initial: After flame Initial: After glow Initial: Char length After 25,50, and 100x Wash: After flame After 25,50, and 100x Wash: After glow After 25,50, and 100x Wash: Char length	ASTM 6413, GL-PD-08-78C	< 2.0 sec < 15.0 sec < 4.5 in (114 mm) < 2.0 sec < 15.0 sec < 4.5 in (114 mm)
<b>PHYSICAL TESTING</b>		
Breaking Strength Initial	ASTM D 3787	155 N
Dimensional Stability After 5 cycles	AATCC 135 (3) (V) (Aiii)	< 7.0 %
Stretch and Recovery Stretch Recovery	ASTM D 2594	< 25.0 % < 80.0 %
<b>COMFORT &amp; APPEARANCE</b>		
Air Permeability	ASTM D737	75 ft <sup>3</sup> /ft <sup>2</sup> /min
Wicking	4.6.2 GL-PD-10-02D	3 inches/hour
Color Fastness Laundering Shade Change Score 5 (Best) to 1 (Worst)	AATCC 61 3A	Minimum 4 *
Xenon Light Exposure After 40 hours Score 5 (Best) to 1 (Worst)	AATCC 16	Minimum 3 *
Perspiration Acid Alkaline Score 5 (Best) to 1 (Worst)	AATCC 15	Minimum 3-4 * Minimum 3-4 *
Crocking Dry Wet Score 5 (Best) to 1 (Worst)	AATCC 15	Minimum 3.5 * Minimum 3 *
Pilling Initial After 5 cycles Score 5 (Best) to 1 (Worst)	ASTM D 3512	Minimum 3 * Minimum 3 *

\* Appearance is dependent on shade of fabric

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.