

ALERT5



**ALWAYS READY,
ALWAYS ABLE.
ALWAYS.**

Alert5™ 7.0 Knit Mesh

PROVIDES BETTER BREATHABILITY

Air flow means comfort and enhanced comfort means better concentration on the task at hand.

ENHANCED EASE OF WEAR

Fabrics that feel good and provide the right protection are integral to every garment in service. The easier they are to wear, the more they will be worn.

ALL THE BENEFITS OF COOLDERM™ TECHNOLOGY

Excellent moisture management to help keep body temperature regulated in hot or cold climates.

ALERT5

TECHNICAL DATA*	ALERT5™ 7.0 KNIT MESH
Nominal Weight	7.0 osy (237 gsm)
Construction	Double Knit Mesh
Color	Solids
Fiber Content	Modacrylic, Lyocell

Thermal Testing (Flame Resistance)

Vertical Flame ASTM D6413	Initial and After 5x and 50x washes	After flame	< 2.0 sec
		After Glow	< 25 sec
		Char length	< 6 in (153 mm)

Physical Testing

Burst Strength ASTM D3787		> 40 lbf
Dimensional Stability AATCC 135, 1, V, Ai		< -10%
Pilling Resistance ASTM D3512		< 3.5
Strength and Recovery ASTM D2594	Stretch (wales x courses)	> 10 x 25 %
	Recovery (wales x courses)	> 80 x 65 %
pH ASTM D3512		5.0 – 8.5
Antimicrobial properties		> 1-log reduction

Comfort

Air Permeability ASTM D737		> 25.0 cfm
Moisture Wicking wales x courses		> 3.0 in/hr (7.6 cm/hr)

Appearance* (Score 5 Best to 1 Worst)

Color Fastness	Laundrying AATCC 61, 2A	Shade Change and Staining 4 cycles	Up to 3 *
	Xenon Light Exposure AATCC 16.3	40 AFU	Up to 2.5 *
	Perspiration AATCC 15, acid and alkaline	Shade Change	Up to 3 *
	Crocking AATCC 8	Dry	Up to 4.0 *
Wet		Up to 3.5 *	

*Appearance is dependent on shade of fabric



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.