

# QUANTUM3D®

## SL2



**ENGINEERED  
FOR MAXIMUM  
THERMAL  
PROTECTION**

### **QUANTUM3D® IMAGED BATTING PROVIDES ADDED THERMAL PROTECTION**

By using an imaged batting, Quantum3D® provides better insulation against thermal events.

### **GOLDCHECK™ FACECLOTH DELIVERS GOOD LUBRICITY FOR EASIER DONNING AND DOFFING**

Singular weaving pattern makes the Goldcheck™ easy to spot and it's engineered for maximum lubricity for better ease of wear.

### **FEATURES COOLDERM™ TECHNOLOGY AND PROVIDES ACTIVE MOISTURE WICKING**

Keeps sweat off the skin and moves it outward for increased comfort and evaporative cooling.

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TECHNICAL DATA*	TENCATE QUANTUM3D®
Nominal Weight	7.7 osy (260 gsm)
Face Cloth Weave	Woven Facecloth Quilted to Non-Woven Batting
Made in America	Yes
Certification	NFPA 1971


Composite Testing		
TPP NFPA 1971	UL Certified	Up To 46
THL NFPA 1971	UL Certified	Up To 289

Strength/Durability		
Trap Tear ASTM 5587, NFPA 1971 (Warp x Fill)	Initial	61 x 101 lbf (271 x 450 N)
	5x after wash	51 x 85 lbf (245 x 380 N)
Laundry Shrinkage AATCC 135	5x after wash	< 5.0 percent

Thermal Testing		
Thermal Shrinkage NFPA 1971	Initial	< 5.5 x 1.0 percent
	5x after wash	< 5.0 x 0.5 percent

\* All values subject to final certification and specification

\*\* Tested on specific colors

AVAILABLE COLOR	
	<p><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.</p>

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.