



3-DIMENSIONAL THERMAL PROTECTION

INNOVATIVE THERMAL PROTECTION

By using an imaged batting, Quantum3D® provides better insulation against thermal events thanks to fewer skin-to-fabric contact points.

GOLDCHECK™ FACECLOTH FOR LUBRICITY

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

DRY, COOL, AND COMFORTABLE

Integrated wicking Coolderm™ Technology offers enhanced moisture management to promote body temperature regulation and breathability.

QUANTUM3D®

SL2

TECHNICAL DATA*	QUANTUM3D®
Nominal Weight	7.7 osy (261 gsm)
Construction	Woven Facecloth Quilted to Non-Woven Batting
Fiber Content	Aramid, FR Rayon, Nylon
Certification	NFPA 1971

Thermal Performance		
Flame Resistance ASTM D6413	Before laundering and after 5 laundering cycles	Compliant
Thermal Protective Performance (TPP) ISO 17492		Up To 46
Thermal Shrinkage NFPA 1971	Before laundering	< 5.5 x 1.0 percent
	After 5 laundering cycles	< 5.0 x 0.5 percent

Physical Performance		
Trapezoid Tear ASTM D5587, NFPA 1971 (Warp x Fill)	Before laundering	61 x 101 lbf (271 x 450 N)
	After 5 laundering cycles	51 x 85 lbf (245 x 380 N)
Shrinkage AATCC 135	After 5 laundering cycles	< 5.0 percent

Comfort	
Total Heat Loss (THL) ASTM F1868	Up To 289

AVAILABLE COLOR



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.