



Quantum4™



PROPERTIES		
Nominal Weight	— 7.0 osy (240 gsm)	
Facecloths	DuPont™ Kevlar® filament, Lenzing FR®/DuPont™Kevlar®/Nylon spun fibers	
Batting	Two layers of aperture PBI®G2™ spun lace	
Facecloth Appearance	Gold Check	
Coolderm™ Technology	Yes	
Made in America	Yes	
Certifications	NFPA 1971	
COMPOSITE TESTING		
TPP NFPA 1971 UL CERTIFIED RESULTS USING GORE® CROSSTECH® BLACK MOISTURE BARRIER	Kombat™ Flex	41 - 43
	Millenia™ XT	not available
	Millenia™ XTL	not available
	Ultra™	not available
	Advance™	not available
	Gemini™ XT	41 - 43
THL NFPA 1971 UL CERTIFIED RESULTS USING GORE® CROSSTECH® BLACK MOISTURE BARRIER	Kombat™ Flex	250 - 270
	Millenia™ XT	not available
	Millenia™ XTL	not available
	Ultra™	not available
	Advance™	not available
	Gemini™ XT	240 - 260
FLAME TESTING		
Flame Resistance ASTM D6413, NFPA 1971 CHAR LENGTH (WARP X FILL)	Initial	0.5 x 1.0 in (13 x 25 mm)
	5x after wash	0.5 x 0.8 in (13 x 20 mm)
	After flame	0 seconds
Thermal Shrinkage NFPA 1971-2013 (WARP X FILL)	Initial	< 5.0% x < 0.5%
	5x after wash	< 5.5% x < 0.5%
FABRIC STRENGTH		
Trap Tear ASTM 5587, NFPA 1971 (WARP X FILL)	Initial	40 x 90 lbf (178 x 400 N)
	5x after wash	40 x 70 lbf (178 x 311 N)

TenCate Caldura® and Quantum 3D® fabrics are covered by U.S. Patent No. 8,898,821



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All listed data represent typical values. Results from multiple tests unless otherwise stated. To the best of our knowledge, all information contained herein is accurate. TenCate Protective Fabrics USA assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Users of any substance must satisfy themselves by independent investigation that the material can be used safely. TenCate Protective Fabrics describes only certain hazards but cannot guarantee these are the only hazards.

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