



Defender[®] M



PROPERTIES		
Nominal Weight	7.8 osy (265 gsm)	
Facecloths	Lenzing FR® DuPont™ Kevlar® Nylon	
Batting	Two layers flat DuPont™ Kevlar®/Nomex® spun lace	
Facecloth Appearance	Camouflage Green Pattern, Graphite & Brass	
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	42 - 44
	Millenia™ XT	41 - 43
	Millenia™ XTL	35 - 37
	Ultra™	45 - 47
	Advance™	45 - 47
	Gemini™ XT	42 - 44
THL NFPA 1971 UL CERTIFIED RESULTS USING GORE® CROSSTECH® BLACK MOISTURE BARRIER	Kombat™ Flex	210 - 230
	Millenia™ XT	250 - 270
	Millenia™ XTL	240 - 260
	Ultra™	255 - 275
	Advance™	250 - 270
	Gemini™ XT	245 - 265
FLAME TESTING		
Flame Resistance ASTM D6413, NFPA 1971 CHAR LENGTH (WARP X FILL)	Initial	0.5 x 0.5 in (13 x 13 mm)
	5x after wash	0.5 x 0.5 in (13 x 13 mm)
	After flame	0 x 0 seconds
Thermal Shrinkage NFPA 1971-2013 (WARP X FILL)	Initial	< 0.5% x < 0.5%
	5x after wash	< 0.5% x < 0.5%
FABRIC STRENGTH		
Trap Tear ASTM 5587, NFPA 1971 (WARP X FILL)	Initial	80 x 60 lbf (355 x 265 N)
	5x after wash	90 x 50 lbf (400 x 220 N)



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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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