



TENCATE Gemini™ XT

with MATRIX® technology

PROPERTIES		
Nominal Weight	7.5 osy (255 gsm)	
Fabric Content	PBI® & DuPont Kevlar®, reinforced with a filament grid	
Weave	Modified Plain	
Colors	Natural Gold & Black	
Finish	Super Shelltite™	
Made in America	Yes	
Certifications	NFPA 1971	
COMPOSITE TESTING		
TPP NFPA 1971 UL CERTIFIED RESULTS USING GORE® CROSSTECH® BLACK MOISTURE BARRIER	Quantum 4™ i	41 - 43
	Quantum3D® SL2i	45 - 47
	Defender® M SL2	42 - 44
	Caldura® SL2i	40 - 42
THL NFPA 1971 UL CERTIFIED RESULTS USING GORE® CROSSTECH® BLACK	Quantum 4™ i	240 - 260
	Quantum3D® SL2i	225 - 245
	Defender® M SL2	245 - 265
	Caldura® SL2i	235 - 255
STRENGTH / DURABILITY		
Taber Abrasion	4,000 cycles	
Trap Tear	Initial	55 x 55 lbf (345 x 245 N)
	5x after wash	55 x 55 lbf (345 x 345 N)
Tensile Strength	Initial	240 x 280 lbf (1,065 x 1,245 N)
	10x after wash	240 x 275 lbf (1,065 x 1,220 N)
THERMAL TESTING		
Flame Resistance	Initial char length	0.6 x 0.6 in (12 x 15 mm)
	5x after wash	0.4 x 0.4 in (10 x 10 mm)
	After flame	0 seconds
Thermal Shrinkage	Initial	< 2.0%
	5x after wash	< 3.0%
WATER RESISTANCE		
Water Absorption	Initial	< 2.0%
	5x after wash	< 5.0%



6501 Mall Boulevard
Union City, Georgia 30291 USA
+1 (770) 969-1000
TenCateFabrics.com

TenCateFabrics.com/Facebook
TenCateFabrics.com/Twitter
TenCateFabrics.com/YouTube
TenCateFabrics.com/LinkedIn

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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