



TENCATE
KOMBAT™
FLEX

FABRIC PROPERTIES		DATA
Colors Available		Natural Gold and High-Resolution Black
Nominal Weight		6.9 osy (235 gsm)
Construction		Woven (Twill)
Made in America		Yes
Finish		Super Shelltite™
Certification		NFPA 1971
TPP NFPA 1971	Caldura® with Nomex® Nano Quantum4™	In Testing
	Caldura® SL2	41 to 43
	Quantum3D®	39 to 41
	Defender® M	43 to 45
		42 to 44
THL NFPA 1971	Caldura® with Nomex® Nano Quantum4™	In Testing
	Caldura® SL2	250 to 270
	Quantum3D®	245 to 265
	Defender® M	245 to 265
		205 to 225
Heat Resistance NFPA 1971		Pass
Thermal Shrinkage NFPA 1971	Before Wash	< 1.5%
	After 5x	< 2.5%
Flammability After Flame ASTM D6413	Before Wash	0 x 0 sec
	After 5x	0 x 0 sec
Flammability Char Length ASTM D6413	Before Wash	< 0.2 x 0.2 in (< 0.5 x 0.5 cm)
	After 5x	< 0.4 x 0.4 in (< 1 x 1 cm)
Tensile Strength ASTM D5043	Before Wash	275 x 275 lbf (1,220 x 1,220 N)
	After 5x	270 x 270 lbf (1,200 x 1,200 N)
Trapezoid Tear ASTM D5587	Before Wash	60 x 60 lbf (265 x 265 N)
	After 5x	55 x 55 lbf (245 x 245 N)
Water Absorption AATCC 42	Before Wash	< 2%
	After 5x	< 5%

DuPont™
Kevlar®



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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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